12/13/82 55140-1(a) A

Nevada Traffic Accidents

1981

PREPARED BY

NEVADA DEPARTMENT OF TRANSPORTATION
PLANNING/RESEARCH DIVISION

IN COOPERATION WITH

NEVADA DEPARTMENT OF MOTOR VEHICLES,
AND THE FEDERAL HIGHWAY ADMINISTRATION

BEST AVAILABLE COPY

1981 STATEWIDE TRAFFIC ACCIDENTS

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INTRODUCTION

This publication presents a statistical history of all motor vehicle traffic accidents which occurred in Nevada during the calendar year 1981. Data contained within supplies the Nevada Department of Transportation, other responsible groups, agencies and individuals with statistical data which can be used to find ways to reduce the number and severity of traffic accidents in Nevada. Included are graphs and tables to depict the numerous relationships involved in traffic accidents.

During calendar year 1981 there were 33,682 traffic accidents. 25,097 were property damage only, 8,327 were injury accidents, and 258 were fatal accidents. The injury and fatal accidents resulted in 12,971 injuries and 294 fatalities.

The 1981 accident totals represent a 0.4% increase in property damage accidents, 4.2% decrease in injury accidents, a 14.6% decrease in fatal accidents; and a 1.1% decrease in the number of injuries and a 15.0% decrease in the number of fatalities over the 1980 totals.

The annual vehicle miles for 1981 were 6.45 billion compared with 6.08 billion in 1980, a 6.1% increase. The total economic loss resulting from these traffic accidents is $161,480,760 based upon 1980 National Safety Council estimates for accident costs.

The overall accident rate for 1981 showed a significant decrease (6.6%) over the rate for 1980. The accident rates per 100 million vehicle miles for property damage, injury, and fatal accidents in 1981 were 388.90 (-5.3%) 129[illegible]3 (-9.8%), and 3.99(-19.6%) respectively as compared with corresponding 1980 rates of 410.73, 143.07 and 4.96 .

HISTORICAL TRENDS OF STATEWIDE TRAFFIC ACCIDENTS

ACCIDENT RATES AND ANNUAL VEHICLE MILES

TABLE A

ACCIDENT RATES PER 100 MILLION VEHICLE MILES FOR FATAL, INJURY AND TOTAL ACCIDENTS IN NEVADA

YEAR	FATAL ACCIDENTS	FATAL RATE	INJURY ACCIDENTS	INJURY RATE	TOTAL ACCIDENTS	TOTAL RATE	TOTAL ANNUAL VEHICLE MILES (MILLIONS)
1972	226	5.68	5,336	134.00	22,035	553.37	3,982
1973	234	5.32	5,944	135.09	23,709	538.84	4,400
1974	187	4.31	5,676	130.93	21,639	499.17	4,335
1975	193	4.20	5,958	129.52	22,223	483.11	4,600
1976	192	3.93	6,455	132.00	23,655	483.74	4,890
1977	226	4.27	7,127	134.52	26,158	493.73	5,298
1978	271	4.71	8,885	154.52	31,582	549.25	5,750
1979	302	5.12	9,463	160.55	32,472	550.93	5,894
1980	302	4.96	8,696	142.95	33,984	558.65	6,083
1981	258	3.99	8,327	129.03	33,682	521.93	6,453

TABLE B

COMPARISON OF NEVADA AND NATIONAL ACCIDENT RATES FOR FATAL AND INJURY ACCIDENTS

YEAR	FATAL ACCIDENTS NEVADA	FATAL ACCIDENTS NATIONAL	INJURY ACCIDENTS NEVADA	INJURY ACCIDENTS NATIONAL
1972	5.68	3.80	134.00	143.56
1973	5.32	3.61	135.09	142.35
1974	4.31	3.15	130.93	137.75
1975	4.20	3.01	129.52	140.00
1976	3.93	2.87	132.00	133.29
1977	4.27	2.91	134.52	129.77
1978	4.71	2.92	154.52	133.32
1979	5.12	2.97	160.55	137.46
1980	4.96	3.38	142.95	132.82
1981	3.99	2.83 (est.)	129.03	131.69 (est.)

DURING 1981 THE ACCIDENT RATES IN ALL CATEGORIES SHOWED A SIGNIFICANT DECREASE WHEN COMPARED WITH THE 1980 TOTALS, ESPECIALLY THE FATAL ACCIDENT RATE WHICH DROPPED BELOW 4.00 FOR ONLY THE SECOND TIME IN THE LAST TEN YEARS.

NOTE: Traffic accidents occurring on private property are not included

1981 STATEWIDE TRAFFIC ACCIDENTS

NUMBER OF TRAFFIC ACCIDENTS ANNUAL VEHICLE MILES AND ACCIDENT RE RATES BY COUNTY

COUNTY	TOTAL TRAFFIC ACCIDENTS	% OF TOTAL ACCIDENTS	TOTAL AVM	% OF TOTAL AVM	ACCIDENT RATE PER 10^8 AVM
EUREKA	80	0.24	63,253,962	0.98	126.47
ESMERALDA	89	0.26	56,577,039	0.88	157.31
STOREY	96	0.28	11,310,187	0.18	848.79
PERSHING	118	0.35	155,150,208	2.40	76.05
LINCOLN	147	0.44	62,504,333	0.96	235.18
MINERAL	184	0.55	85,510,707	1.33	215.18
LANDER	239	0.71	72,191,344	1.12	331.06
LYON	259	0.77	157,263,924	2.44	164.69
WHITE PINE	349	1.04	99,923,923	1.55	349.27
NYE	375	1.11	134,708,038	2.09	278.38
HUMBOLDT	416	1.24	174,898,870	2.70	237.85
CHURCHILL	462	1.37	184,675,631	2.86	250.17
ELKO	638	1.89	327,077,675	5.07	195.06
DOUGLAS	768	2.28	211,798,145	3.28	362.61
CARSON CITY	824	2.45	189,470,495	2.94	434.90
WASHOE	8,074	23.97	1,448,820,211	22.45	557.28
CLARK	20,564	61.05	3,018,263,161	46.77	681.32
TOTAL	33,682	100.00	6,453,397,873	100.00	521.93

CLARK COUNTY HAS THE LARGEST POPULATION, THE MOST VEHICLE MILES, AND THE LARGEST NUMBER OF TRAFFIC ACCIDENTS. STOREY COUNTY HAS THE HIGHEST TRAFFIC ACCIDENT RATE PER 100 MILLION VEHICLE MILES. PERSHING COUNTY, THE FOURTH LOWEST IN TOTAL ACCIDENTS AND NINTH LOWEST IN VEHICLE MILES DRIVEN HAS THE LOWEST ACCIDENT RATE PER 100 MILLION VEHICLE MILES.

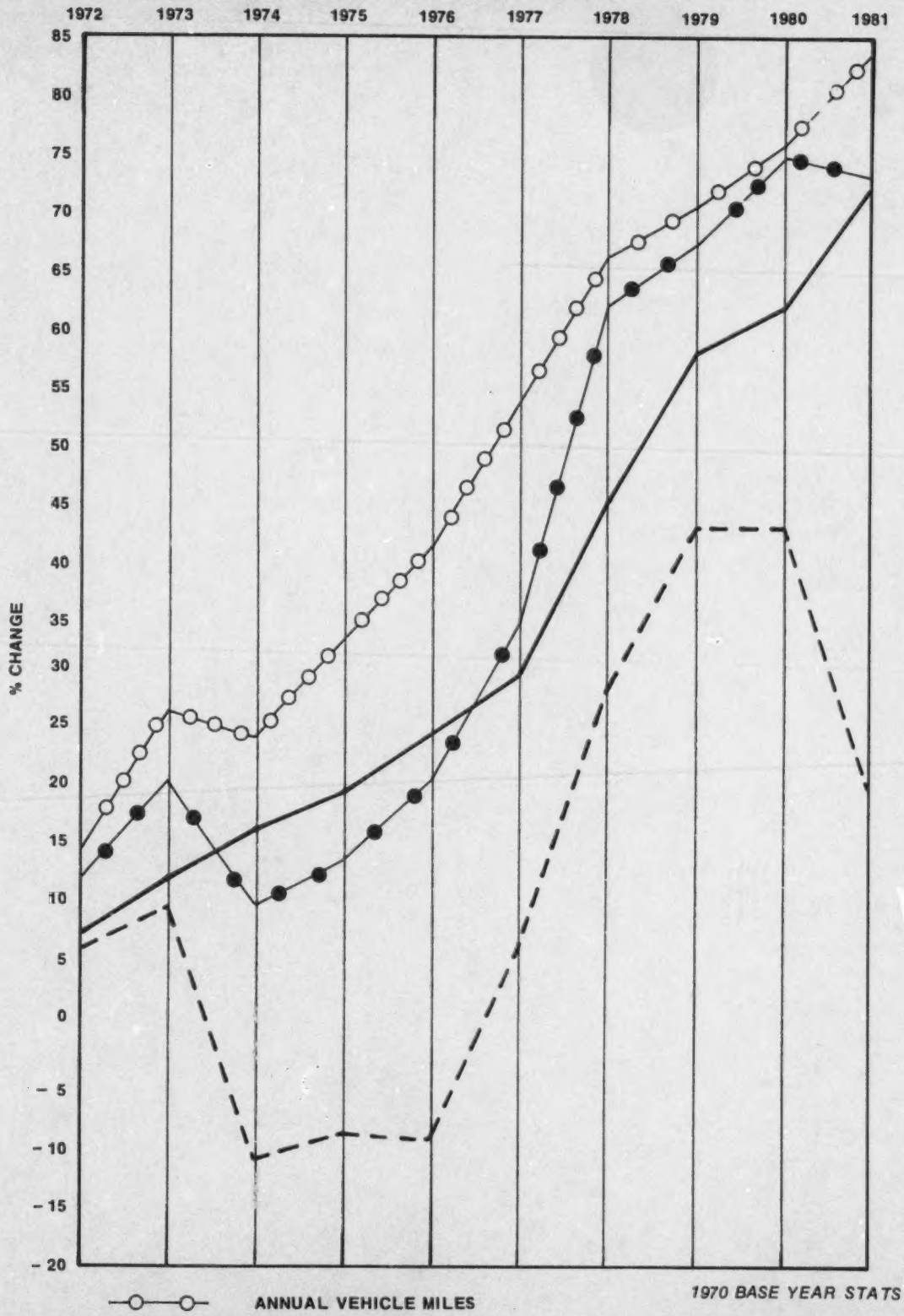
NUMBER OF TRAFFIC ACCIDENTS, ANNUAL VEHICLE MILES AND ACCIDENT RATES BY HIGHWAY SYSTEM

HIGHWAY SYSTEM	TOTAL ACCIDENTS	% OF TOTAL ACCIDENTS	TOTAL AVM MILLIONS	% OF TOTAL AVM	ACCIDENT RATE PER 10^8 AVM
INTERSTATE RURAL	1,042	3.09	1,108,552,487	17.2%	94.00
INTERSTATE URBAN	1,370	4.07	370,560,631	5.7%	369.71
FEDERAL AID PRIMARY RURAL	2,185	6.49	1,122,438,001	17.4%	194.67
FEDERAL AID PRIMARY URBAN	600	1.78	171,296,035	2.7%	350.27
FEDERAL AID SECONDARY RURAL	2,234	6.63	729,913,576	11.3%	306.06
FEDERAL AID URBAN	17,383	51.61	1,836,042,748	28.5%	946.76
NON FEDERAL AID RURAL COLLECTOR	405	1.20	173,618,421	2.7%	233.27
NON FEDERAL AID URBAN COLLECTOR	2,153	6.39	266,566,021	4.1%	807.68
NON FEDERAL AID RURAL LOCAL	916	2.72	260,029,507	4.0%	352.27
NON FEDERAL AID URBAN LOCAL	5,300	15.74	399,534,830	6.2%	1,326.54
NON FEDERAL AID RURAL ARTERIAL	66	0.20	13,902,611	0.2%	474.73
NON FEDERAL AID URBAN ARTERIAL	28	0.08	943,004	0.0%	2,969.23
TOTAL	33,682	100.00	6,453,397,873	100.0%	521.93

FA URBAN ROADS EXPERIENCED THE LARGEST NUMBER OF ACCIDENTS AND THE HIGHEST NUMBER OF VEHICLE MILES. NON FEDERAL AID RURAL ARTERIAL EXPERIENCED THE HIGHEST ACCIDENT RATE PER 100 MILLION VEHICLE MILES AND ALSO EXPERIENCED THE LOWEST NUMBER OF ACCIDENTS AND THE LOWEST VEHICLE MILES. INTERSTATE RURAL EXPERIENCED THE LOWEST ACCIDENT RATE PER 100 MILLION VEHICLE MILES

1981 STATEWIDE TRAFFIC ACCIDENTS

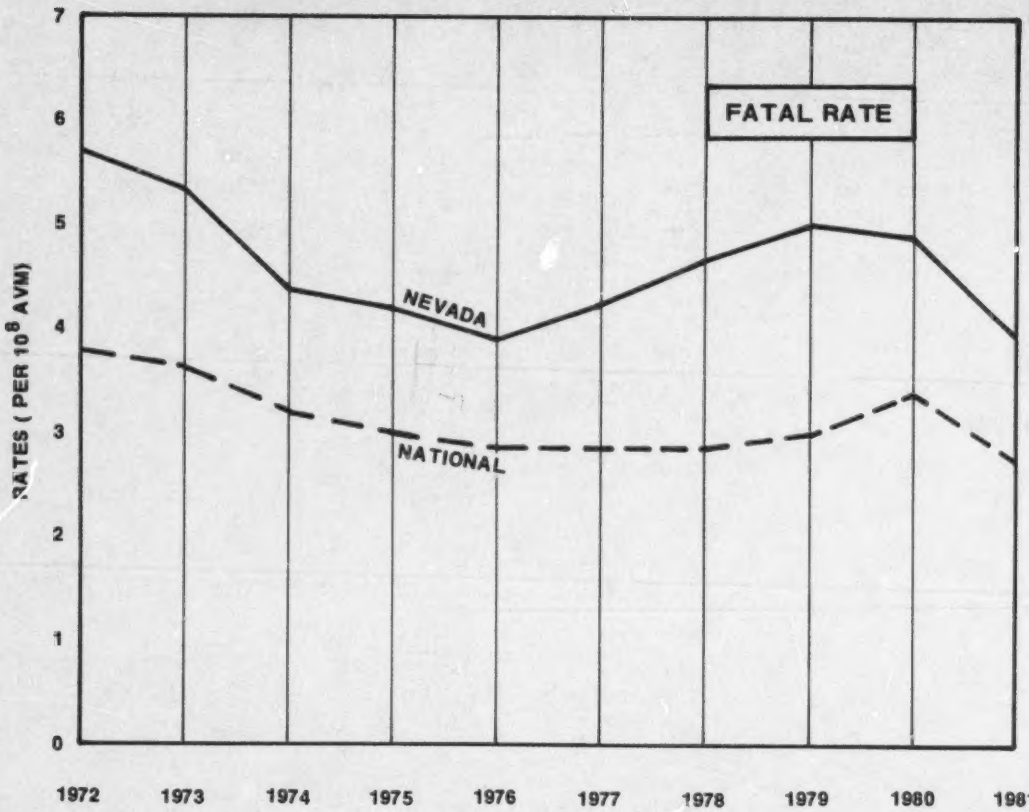
COMPARISONS OF ANNUAL VEHICLE MILES, TOTAL ACCIDENTS, FATAL ACCIDENTS, AND POPULATION



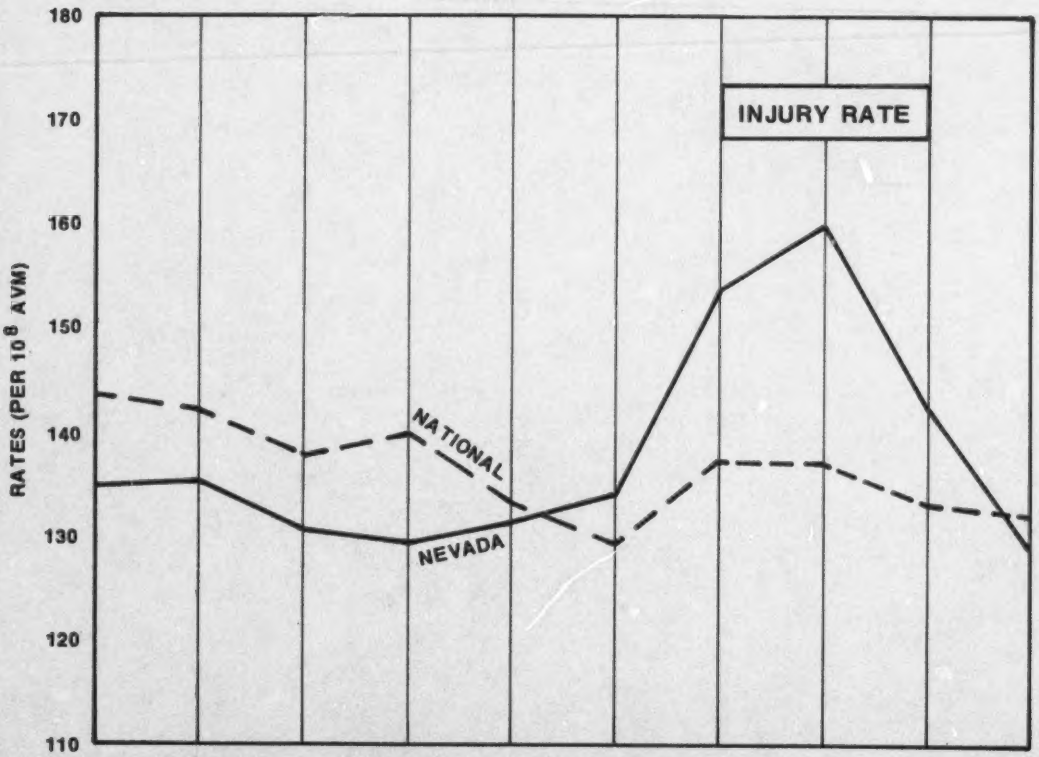
1970 BASE YEAR STATS

POP. 489,000
TOT. ACC 19,480
TOT. FAT. ACC. 211
AVM 3.5 BILLION

A COMPARISON OF FATAL AND INJURY RATES FOR NEVADA vs NATIONAL



NEVADA HAS SHOWN A CONSISTENTLY HIGHER FATALITY RATE THAN THE NATIONAL AVERAGE BUT HAS SHOWN A SIGNIFICANT DECLINE SINCE 1979

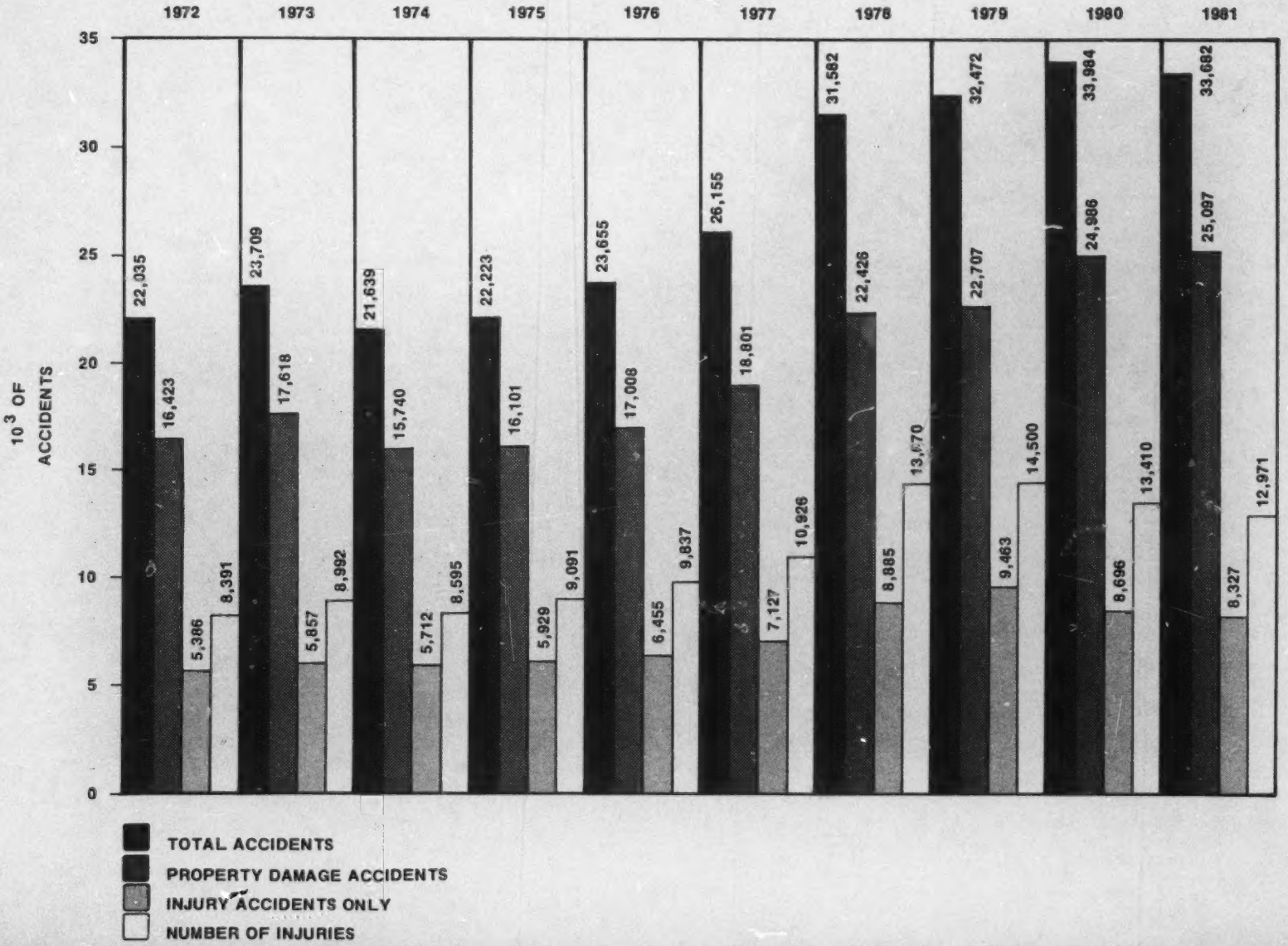


NEVADA HAS HAD A DRAMATIC DECREASE IN THE INJURY RATE SINCE 1979

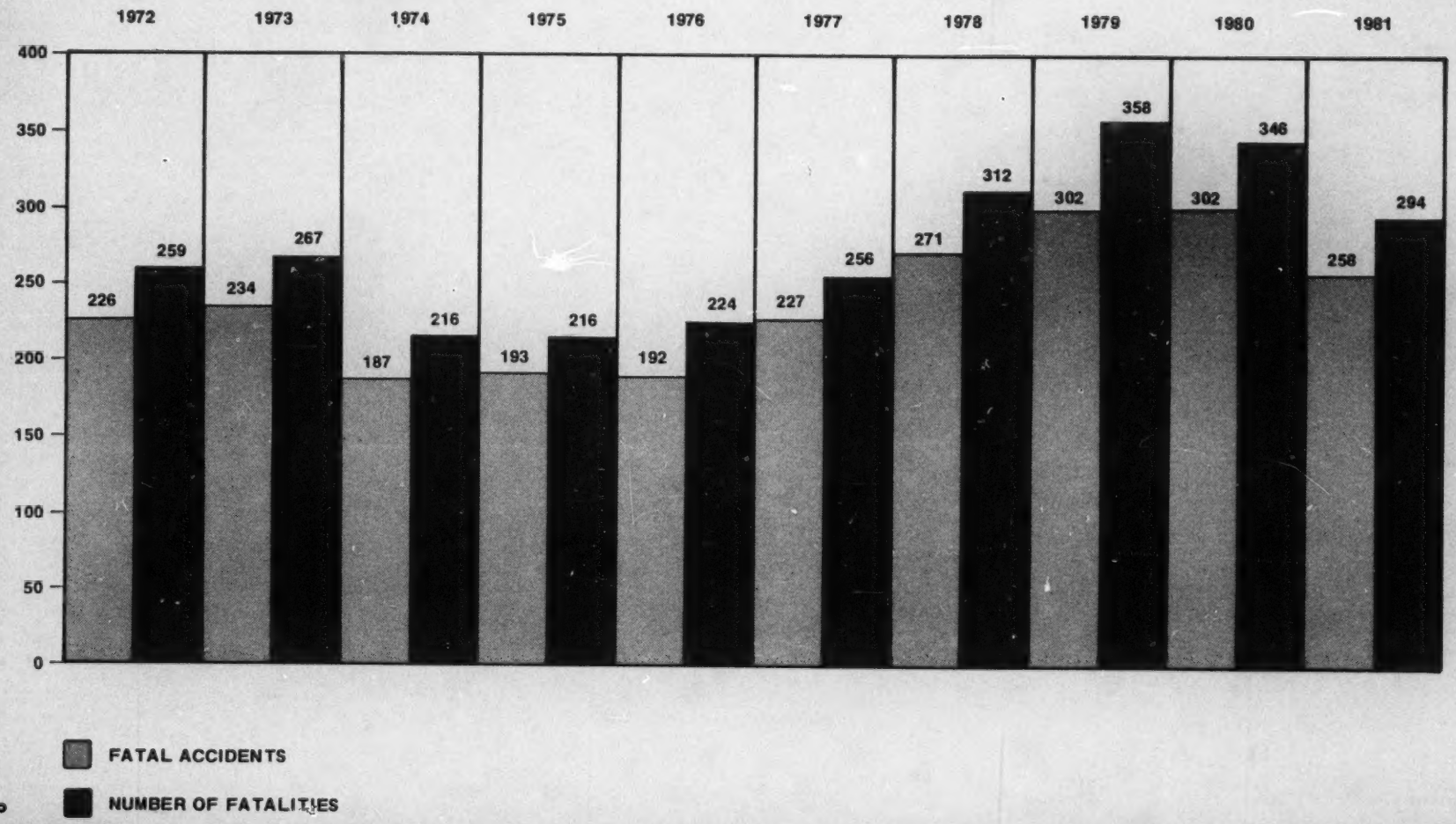
NOTE: National Fatal and Injury Rates were not available for 1981

1981 STATEWIDE TRAFFIC ACCIDENTS

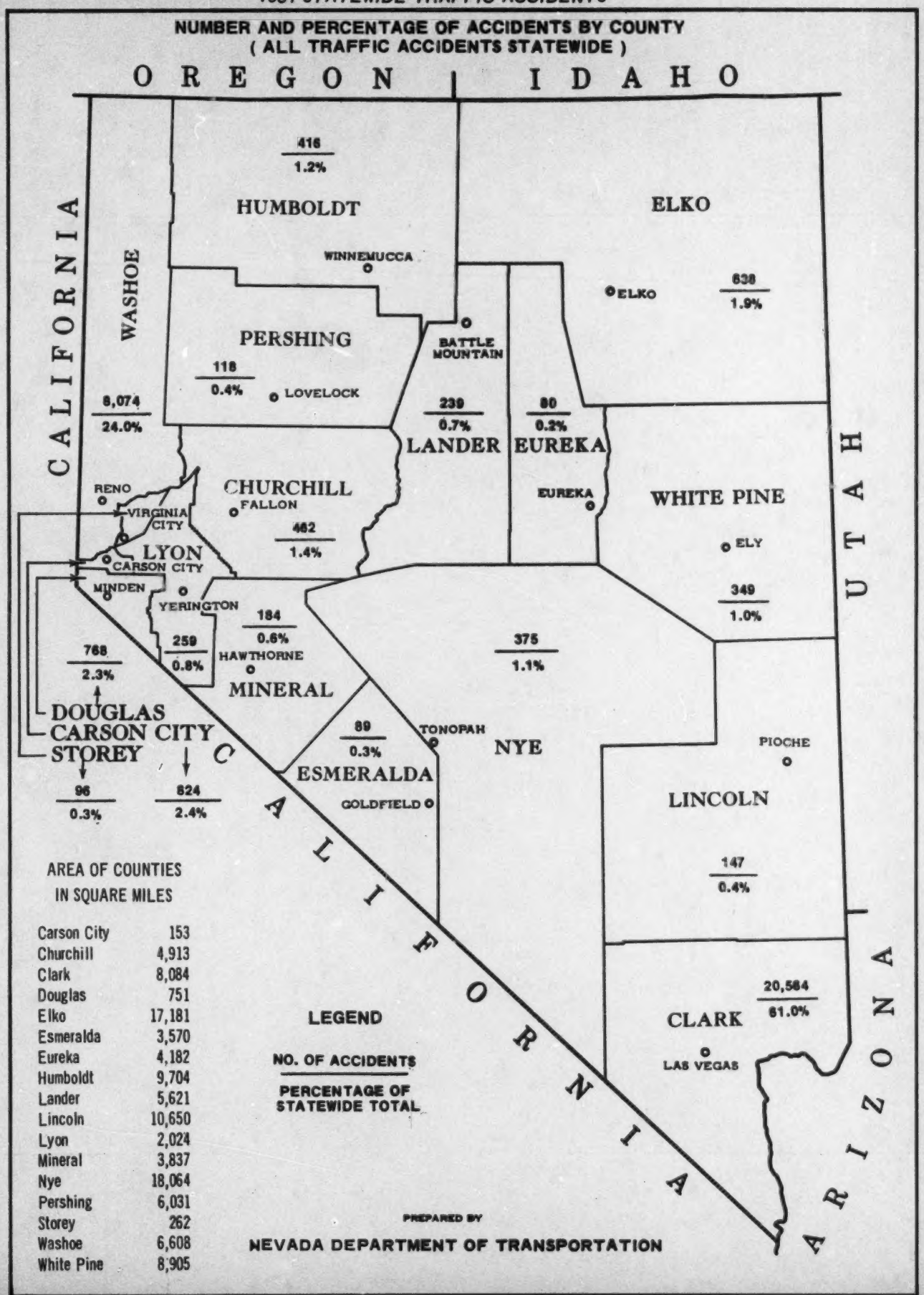
TEN YEAR TRENDS FOR PROPERTY DAMAGE AND INJURY ACCIDENTS



TEN YEAR TRENDS FOR FATAL TRAFFIC ACCIDENTS (1972–1981)

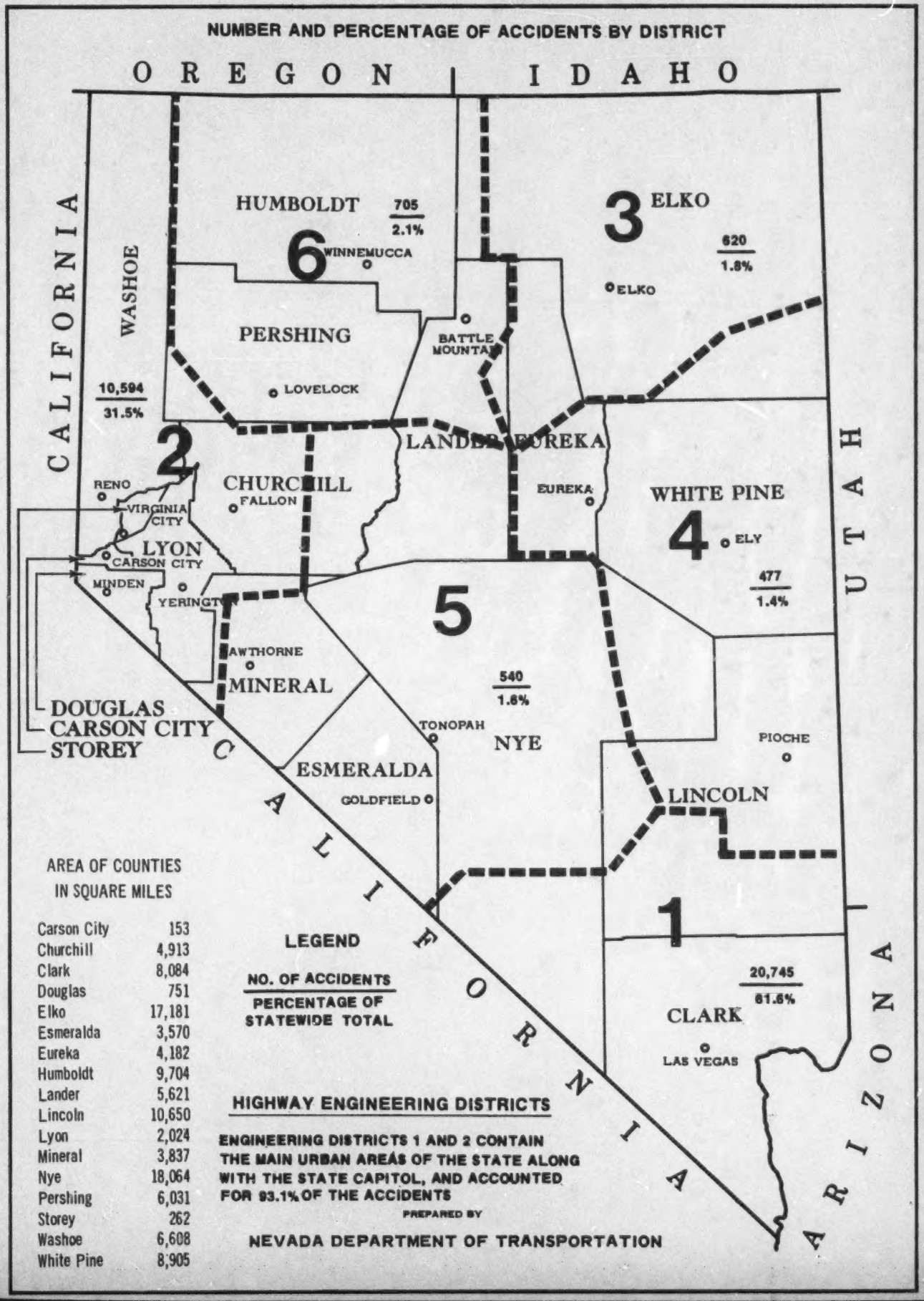


1981 STATEWIDE TRAFFIC ACCIDENTS



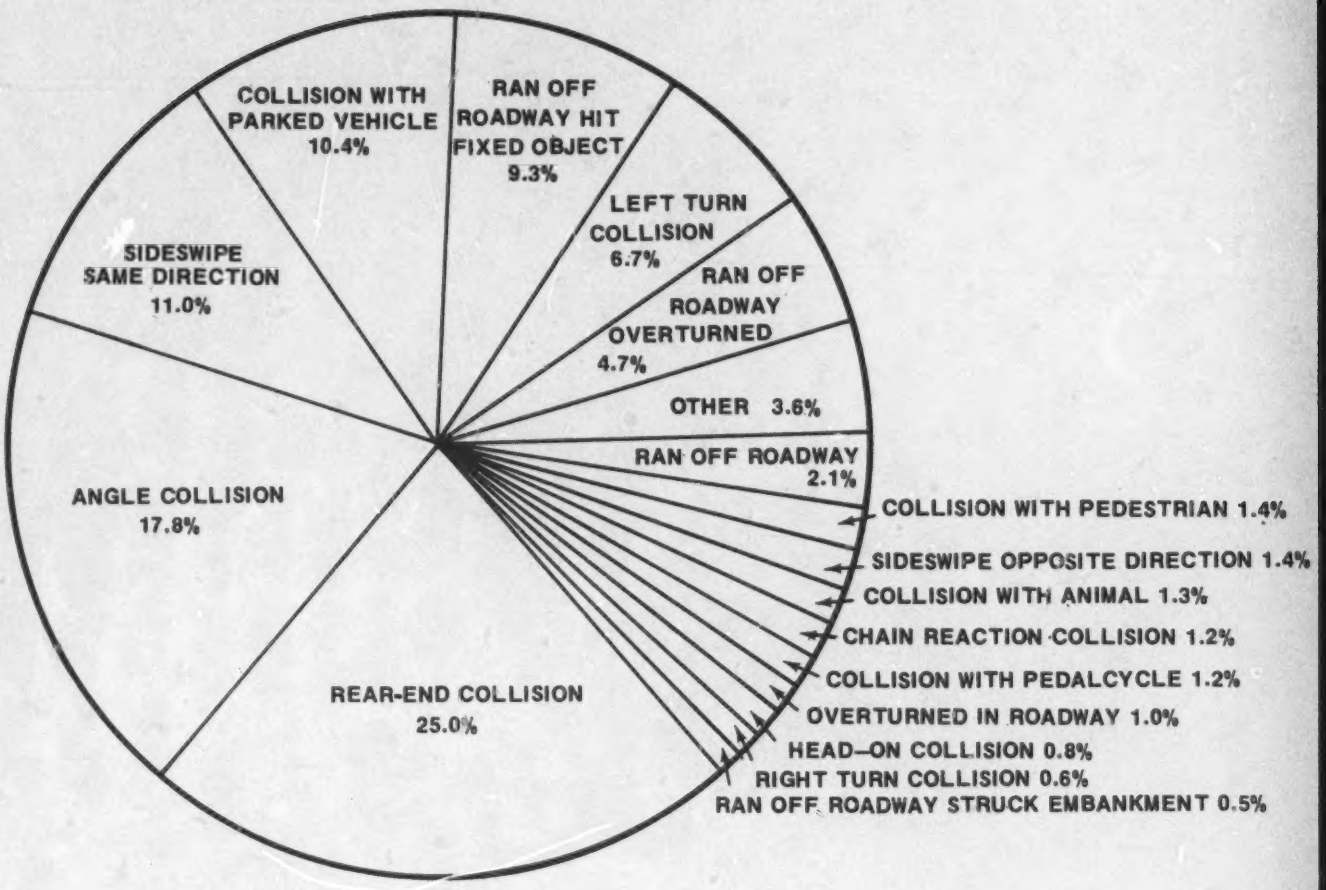
AREA OF COUNTIES IN SQUARE MILES

Carson City	153
Churchill	4,913
Clark	8,084
Douglas	751
Elko	17,181
Esmeralda	3,570
Eureka	4,182
Humboldt	9,704
Lander	5,621
Lincoln	10,650
Lyon	2,024
Mineral	3,837
Nye	18,064
Pershing	6,031
Storey	262
Washoe	6,608
White Pine	8,905


NUMBER AND PERCENTAGE OF ACCIDENTS BY DISTRICT
OREGON
IDAHO
CALIFORNIA
UTAH
ARIZONA
HUMBOLDT
705
2.1%
6
WINNEMUCCA
3
ELKO
620
1.8%
ELKO
PERSHING
BATTLE MOUNTAIN
LOVELOCK
WASHOE
10,594
31.5%
2
LANDER
EUREKA
EUREKA
RENO
VIRGINIA CITY
CHURCHILL
FALLON
WHITE PINE
4
ELY
LYON
CARSON CITY
MINDEN
YERINGTON
477
1.4%
5
AWTHORNE
MINERAL
540
1.6%
DOUGLAS
CARSON CITY
STOREY
TONOPAH
NYE
PIOCHE
ESMERALDA
GOLDFIELD
LINCOLN
1
20,745
61.6%
CLARK
LAS VEGAS
AREA OF COUNTIES
IN SQUARE MILES
Carson City 153
Churchill 4,913
Clark 8,084
Douglas 751
Elko 17,181
Esmeralda 3,570
Eureka 4,182
Humboldt 9,704
Lander 5,621
Lincoln 10,650
Lyon 2,024
Mineral 3,837
Nye 18,064
Pershing 6,031
Storey 262
Washoe 6,608
White Pine 8,905
LEGEND
NO. OF ACCIDENTS
PERCENTAGE OF STATEWIDE TOTAL
HIGHWAY ENGINEERING DISTRICTS
ENGINEERING DISTRICTS 1 AND 2 CONTAIN THE MAIN URBAN AREAS OF THE STATE ALONG WITH THE STATE CAPITOL, AND ACCOUNTED FOR 93.1% OF THE ACCIDENTS
PREPARED BY
NEVADA DEPARTMENT OF TRANSPORTATION

1981 STATEWIDE TRAFFIC ACCIDENTS

PERCENTAGE OF ACCIDENTS BY TYPE


COLLISION WITH PARKED VEHICLE 10.4%
RAN OFF ROADWAY HIT FIXED OBJECT 9.3%
LEFT TURN COLLISION 6.7%
RAN OFF ROADWAY OVERTURNED 4.7%
OTHER 3.6%
RAN OFF ROADWAY 2.1%
COLLISION WITH PEDESTRIAN 1.4%
SIDESWIPE OPPOSITE DIRECTION 1.4%
COLLISION WITH ANIMAL 1.3%
CHAIN REACTION COLLISION 1.2%
COLLISION WITH PEDALCYCLE 1.2%
OVERTURNED IN ROADWAY 1.0%
HEAD–ON COLLISION 0.8%
RIGHT TURN COLLISION 0.6%
RAN OFF ROADWAY STRUCK EMBANKMENT 0.5%
SIDESWIPE SAME DIRECTION 11.0%
ANGLE COLLISION 17.8%
REAR-END COLLISION 25.0%

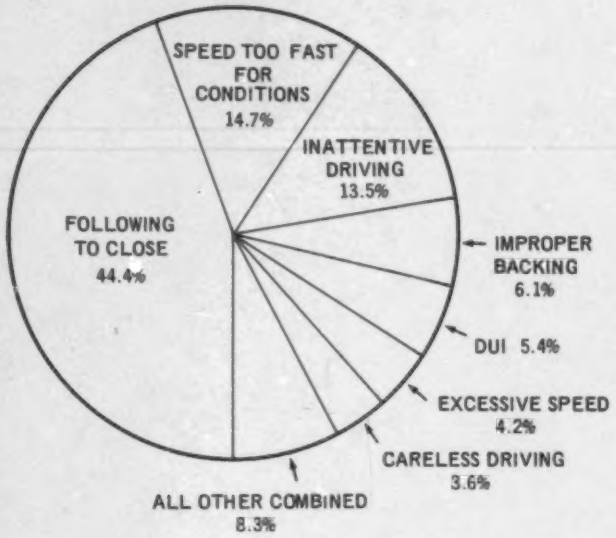
AS REFLECTED BY THIS GRAPH A LARGER NUMBER OF ACCIDENTS WHICH OCCURRED IN NEVADA DURING 1981 WERE THE TYPE THAT USUALLY HAPPEN AT INTERSECTIONS (REAR-END COLLISIONS, ANGLE COLLISIONS, LEFT TURN COLLISIONS, AND RIGHT TURN COLLISIONS).

1981 STATEWIDE TRAFFIC ACCIDENTS

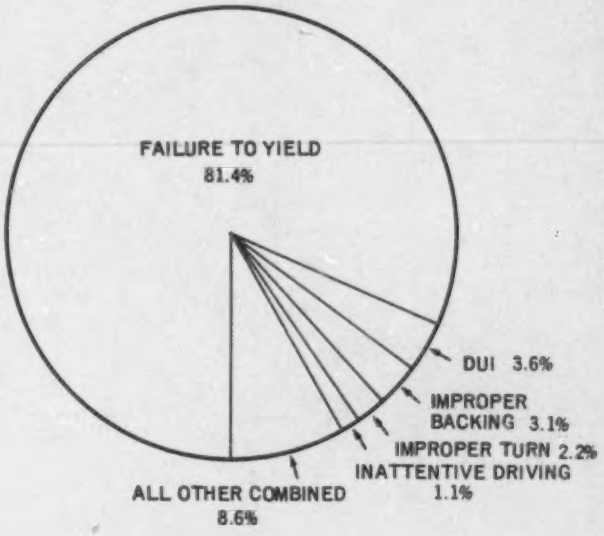
TYPES OF ACCIDENTS BY CONTRIBUTING FACTORS

AS REFLECTED BY THE PREVIOUS GRAPH, THERE WERE 7 MAJOR TYPES OF ACCIDENTS. BELOW ARE THESE 7 TYPES OF ACCIDENTS AS CORRELATED WITH THEIR MAJOR CONTRIBUTING FACTORS

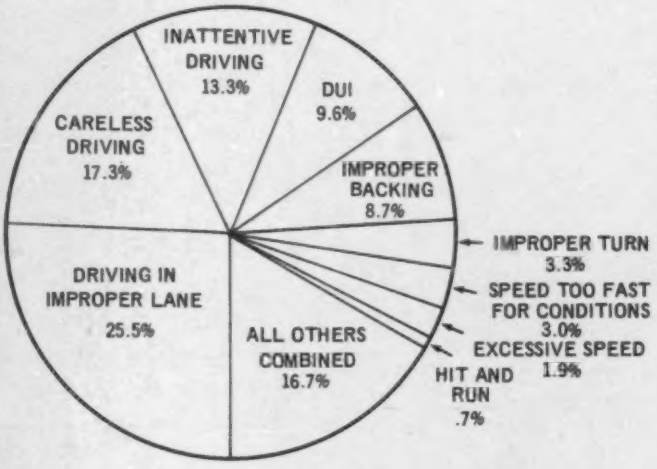
1. REAR END COLLISION



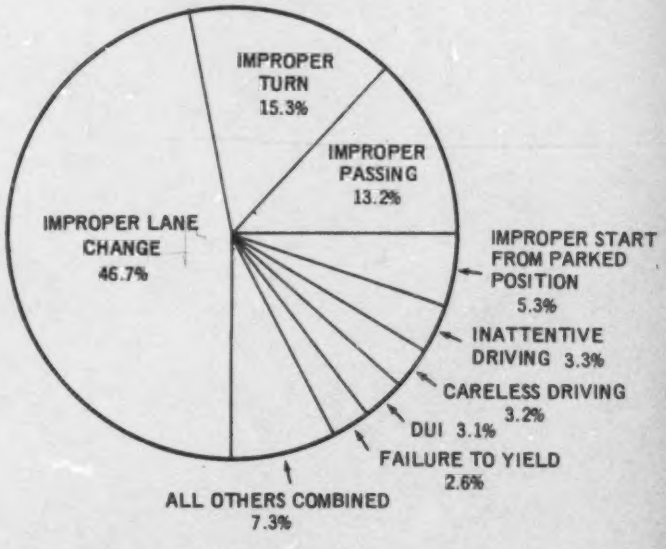
2. ANGLE COLLISION



3. COLLISION WITH PARKED VEHICLE

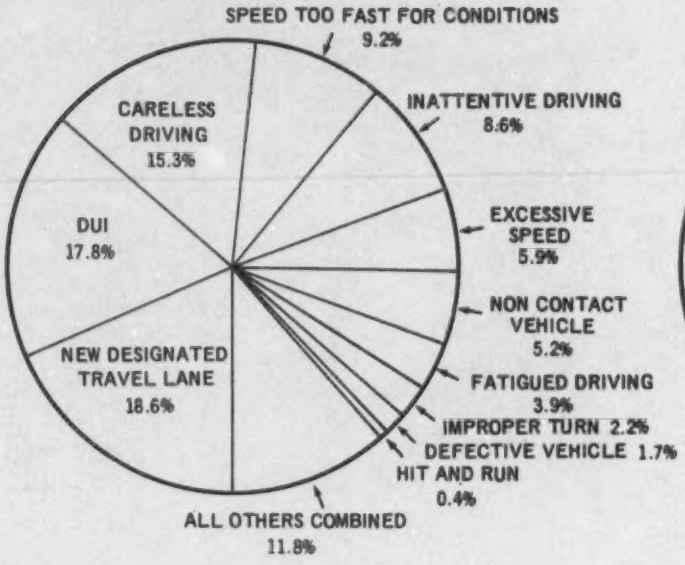


4. SIDESWIPE SAME DIRECTION

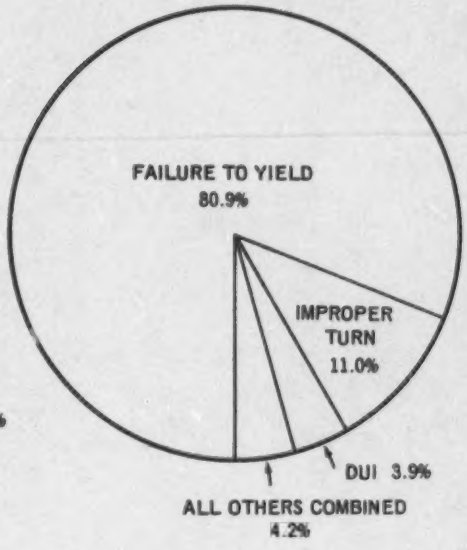


TYPES OF ACCIDENTS BY CONTRIBUTING FACTORS (Cont.)

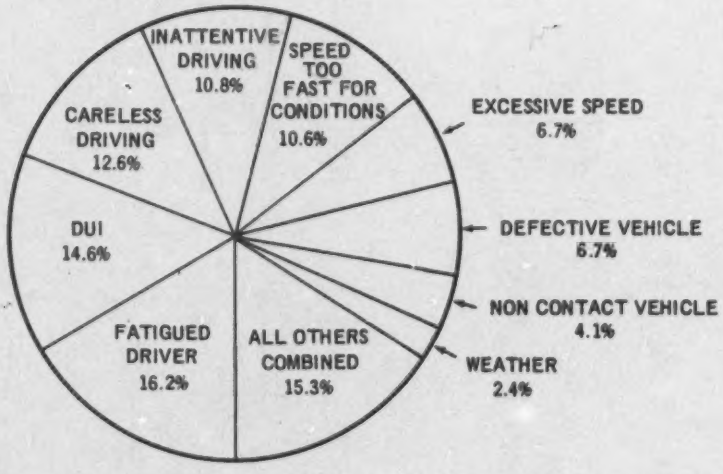
5. RAN OFF ROADWAY STRUCK FIXED OBJECT



6. LEFT TURN COLLISION

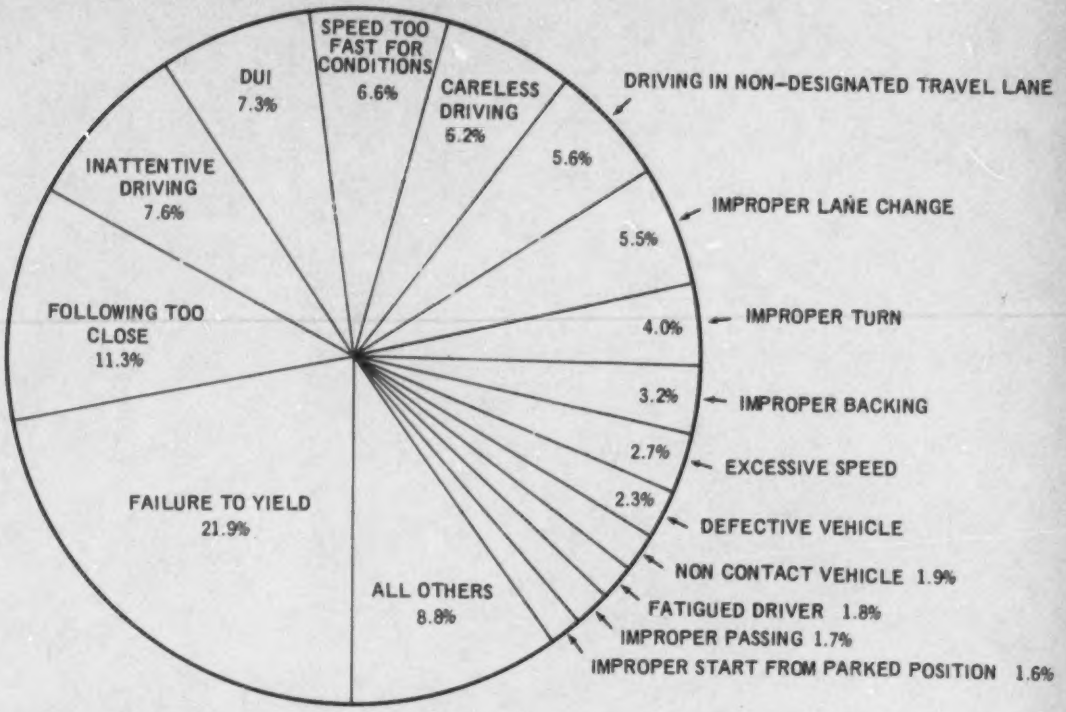


7. RAN OFF ROADWAY OVERTURNED

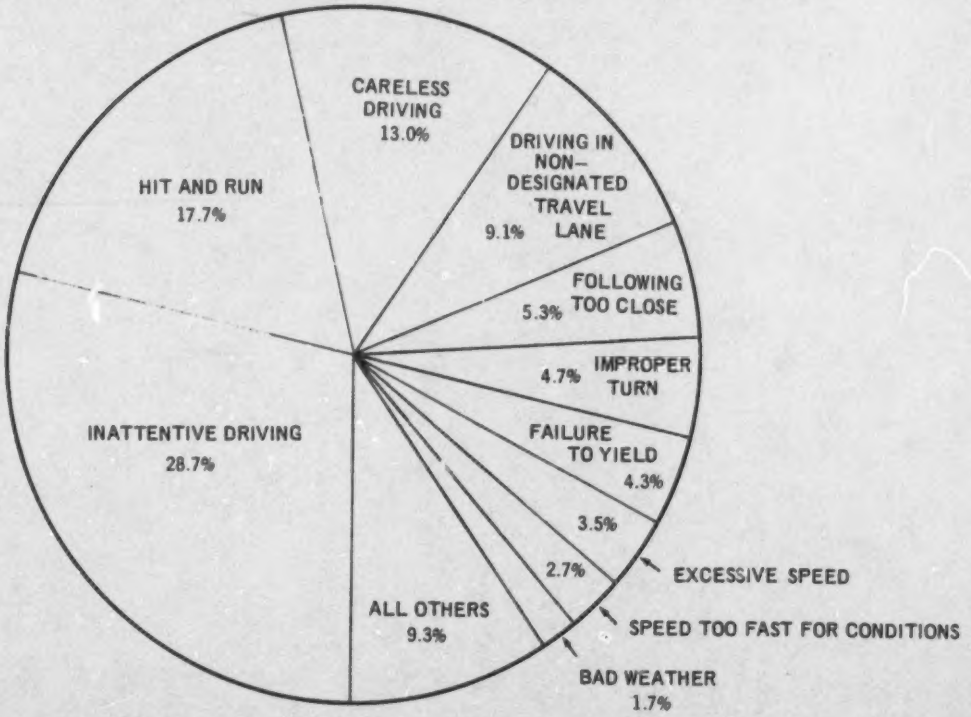


MAJOR CONTRIBUTING FACTORS IN 1981 STATEWIDE TRAFFIC ACCIDENTS

1st CONTRIBUTING FACTORS IN 1981 STATEWIDE TRAFFIC ACCIDENTS



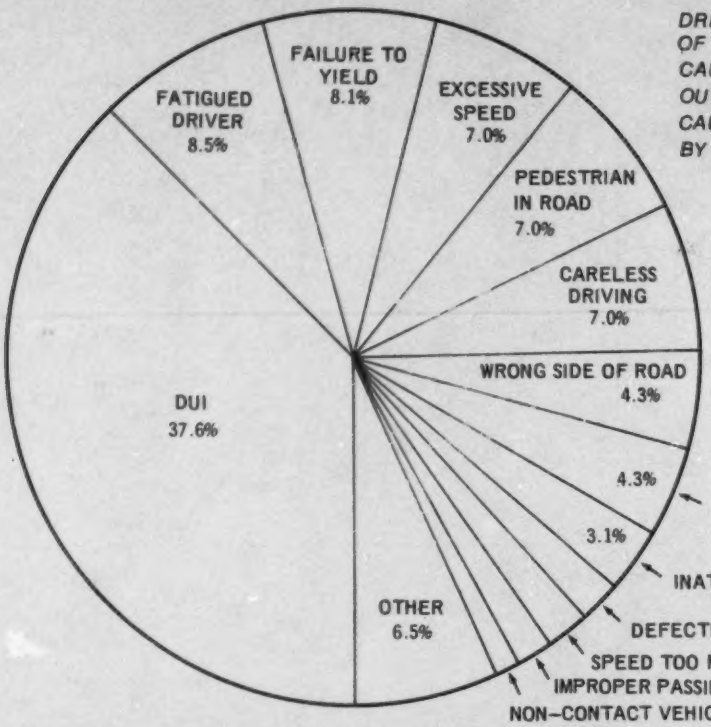
2nd CONTRIBUTING FACTOR IN 1981 STATEWIDE TRAFFIC ACCIDENTS



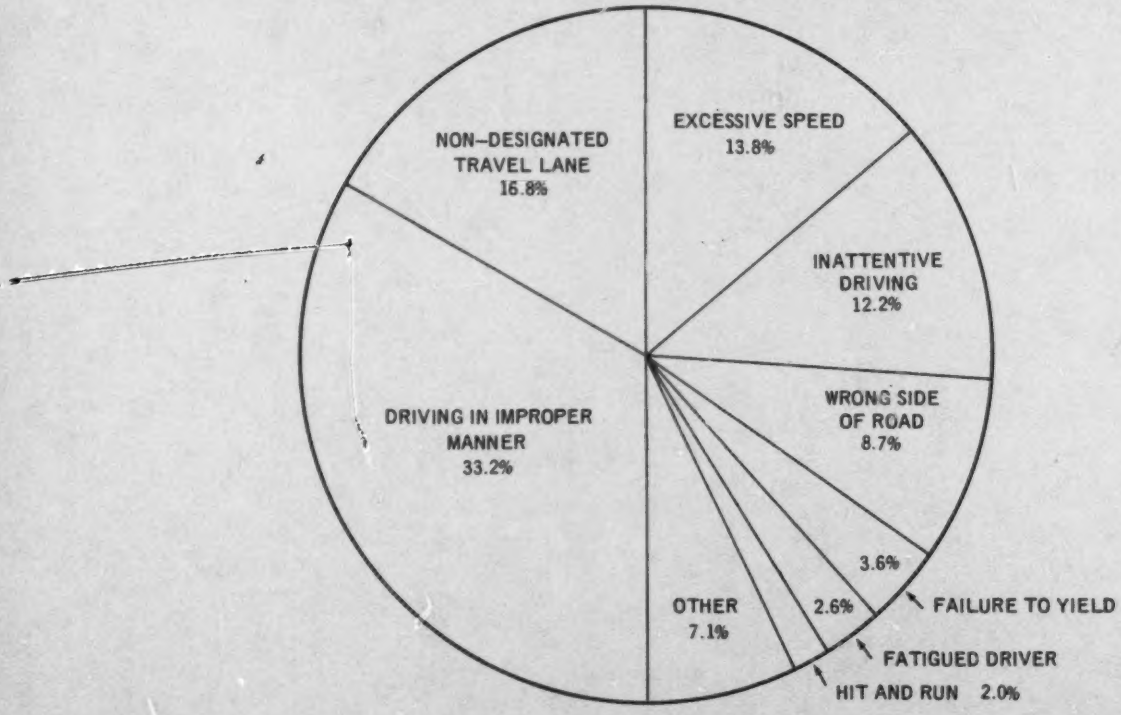
MAJOR CONTRIBUTING FACTORS IN 1981 FATAL TRAFFIC ACCIDENTS

PRIMARY CONTRIBUTING FACTOR IN 1981 FATAL TRAFFIC ACCIDENTS

DRIVING UNDER THE INFLUENCE OF ALCOHOL WAS THE PRIMARY CAUSATIVE FACTOR IN FATAL AND OUTDISTANCED THE NEXT NEAREST CAUSATIVE FACTOR (Fatigued Driver) BY MORE THAN 4 TIMES.

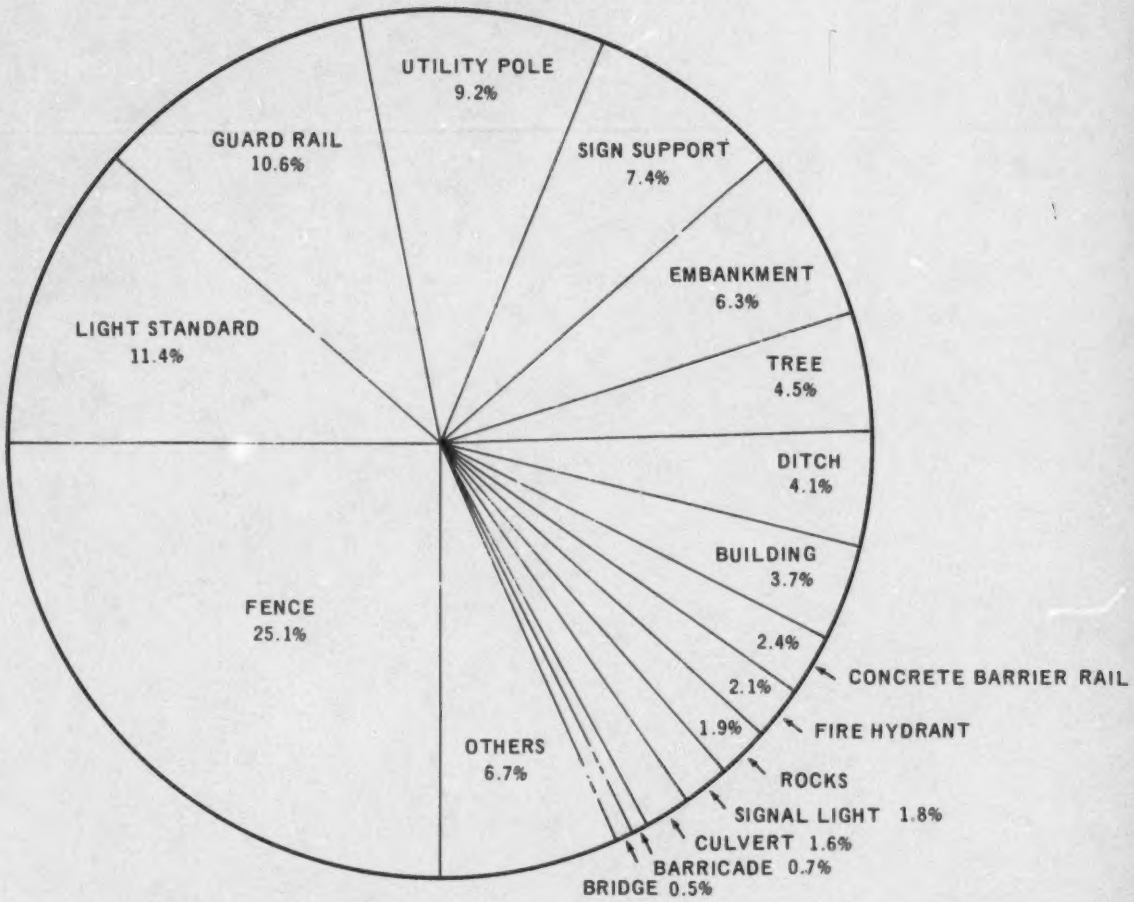


SECONDARY CONTRIBUTING FACTOR IN 1981 FATAL TRAFFIC ACCIDENTS



1981 STATEWIDE TRAFFIC ACCIDENTS

ACCIDENTS INVOLVING FIXED OBJECT *



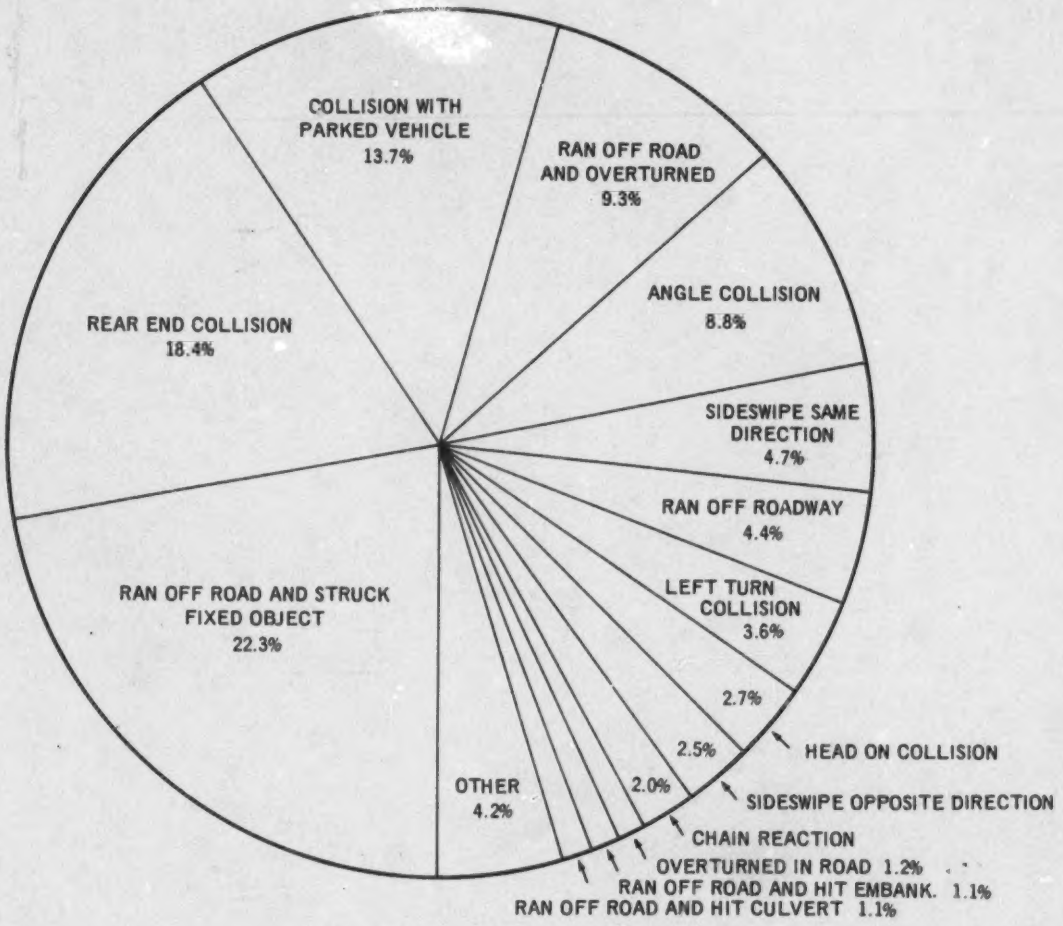
DURING 1981 THE MOST FREQUENTLY STRUCK FIXED OBJECTS ALONG NEVADA'S HIGHWAYS WERE FENCES WHICH ACCOUNTED FOR MORE THAN 25% OF THE ACCIDENTS INVOLVING FIXED OBJECTS.

*** NOTE: 12.1% OF ALL ACCIDENTS INVOLVED A FIXED OBJECT**

TOTAL – 33,682 ACCIDENTS
FIXED OBJECT – 4,089 ACCIDENTS

1981 STATEWIDE TRAFFIC ACCIDENTS

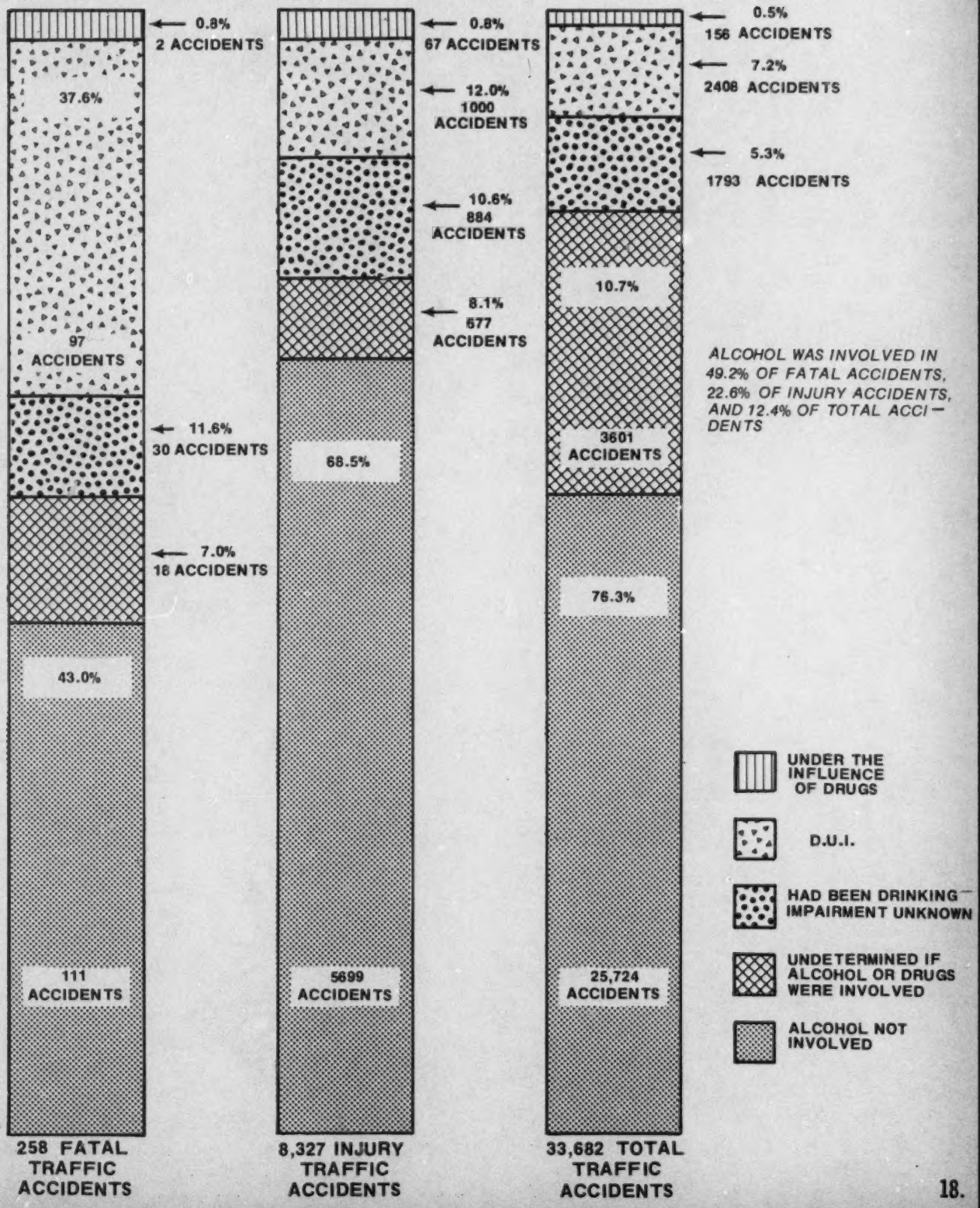
DRIVING UNDER THE INFLUENCE OF ALCOHOL AS RELATED TO TYPE OF ACCIDENT



TOTAL D.U.I. ACCIDENTS – 2,452

1981 STATEWIDE TRAFFIC ACCIDENTS

PERCENTAGE OF ALCOHOL INVOLVEMENT



1981 STATEWIDE TRAFFIC ACCIDENTS

ACCIDENT TYPE BY SEVERITY

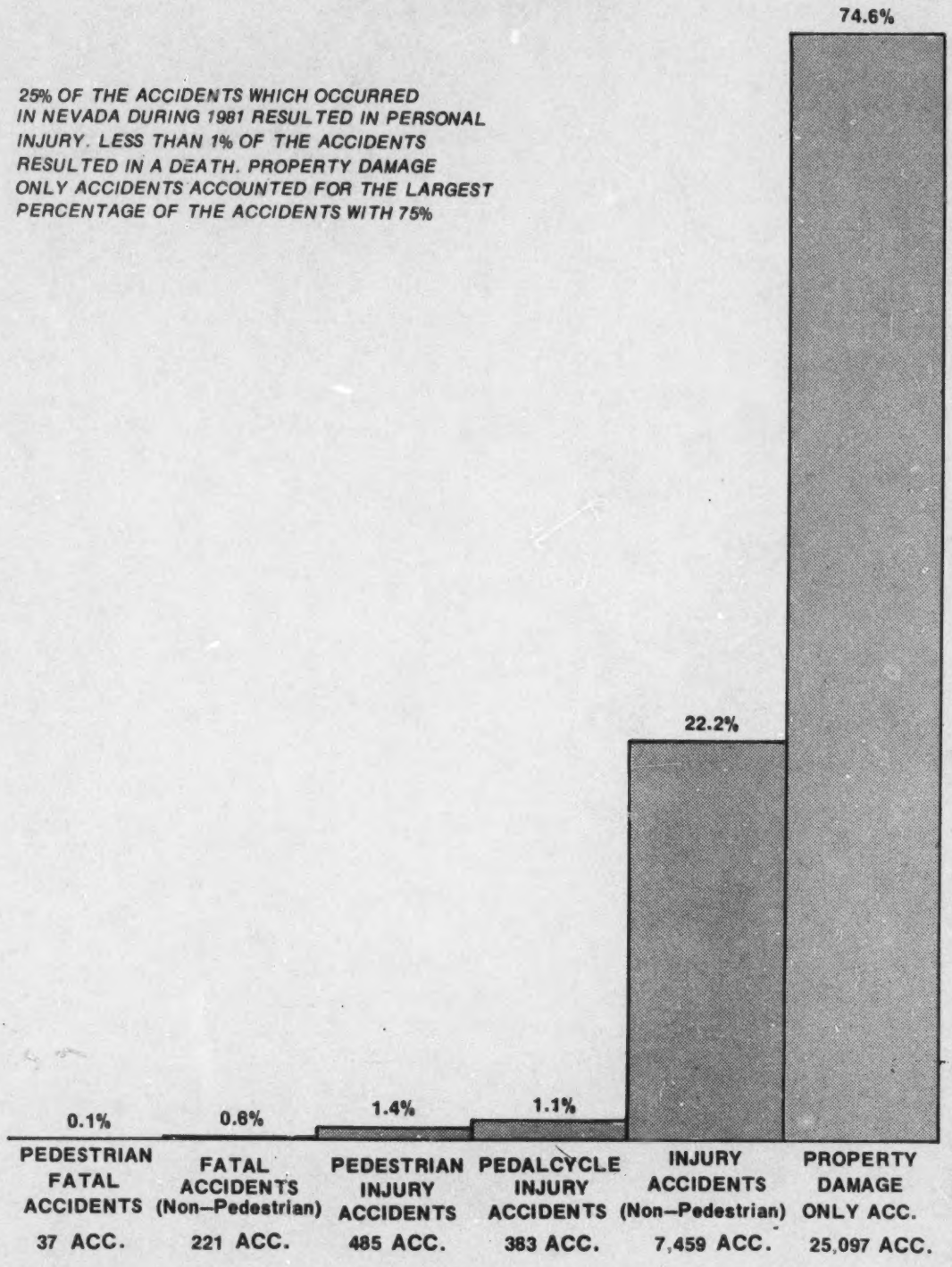
	FATAL ACCIDENT	PEDESTRIAN FATAL ACCIDENT	INJURY ACCIDENT	PEDESTRIAN INJURY ACCIDENT	PROPERTY DAMAGE ONLY
ANGLE	14	0	1,528	1	4,442
REAR END	4	0	1,713	4	6,695
SIDESWIPE SAME	3	0	333	0	3,335
SIDESWIPE OPPOSITE	4	0	127	0	349
HEAD ON	27	0	129	0	98
LEFT TURN	11	0	636	0	1,595
RIGHT TURN	0	0	23	0	192
ANIMAL	1	0	42	4	413
PARKED VEHICLE	5	0	354	13	3,126
PEDESTRIAN	0	35	0	451	4
PEDAL CYCLE	4	0	386	0	17
CHAIN REACTION	11	0	186	3	211
OUT OF CONTROL VEHICLE	5	0	36	0	74
TRAIN	0	0	1	0	4
UNKNOWN OTHER COLLISION	1	0	17	0	39
RAN OFF ROAD	0	0	192	0	676
RAN OFF ROAD OVERTURNED	93	1	842	0	621
RAN OFF ROAD STRUCK FIXED OBJECT	14	0	883	3	2,355
RAN OFF ROAD STRUCK EMBANKMENT	1	0	63	0	110
OVERTURNED IN ROAD	16	0	212	0	113
VEHICLE ON FIRE	0	0	3	0	126
JACK–KNIFED IN ROAD	0	0	4	0	39
PROTRUDING PART OF VEHICLE	1	0	4	1	68
RAN OFF ROAD AT RR XING	0	0	1	0	7
PARKED VEHICLE OFF ROAD	0	0	13	0	32
RAN OFF ROAD OTHER COMBINATION	0	0	24	0	18
UNKNOWN OTHER NON COLLISION	0	1	8	1	91
OBJECT IN ROAD	0	0	9	0	143
UNKNOWN OTHER NON MOTOR	1	0	7	4	63
RAN OFF ROAD OVER EMBANKMENT	5	0	65	0	41

1981 STATEWIDE TRAFFIC ACCIDENTS

SEVERITY RATING

(23,682 TOTAL ACCIDENTS)

25% OF THE ACCIDENTS WHICH OCCURRED IN NEVADA DURING 1981 RESULTED IN PERSONAL INJURY. LESS THAN 1% OF THE ACCIDENTS RESULTED IN A DEATH. PROPERTY DAMAGE ONLY ACCIDENTS ACCOUNTED FOR THE LARGEST PERCENTAGE OF THE ACCIDENTS WITH 75%

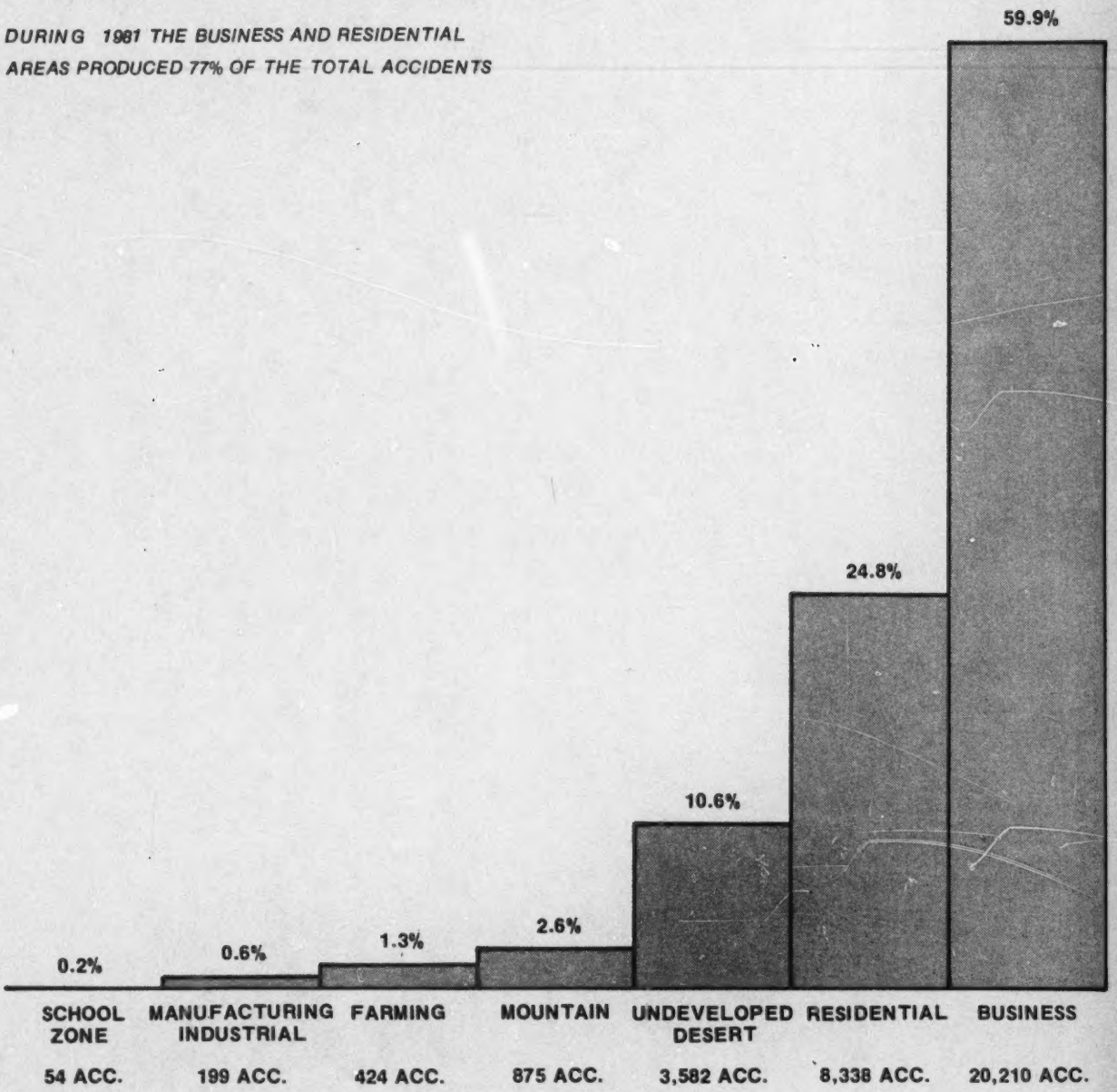


1981 STATEWIDE TRAFFIC ACCIDENTS

PERCENTAGE OF ACCIDENTS BY LOCALITY

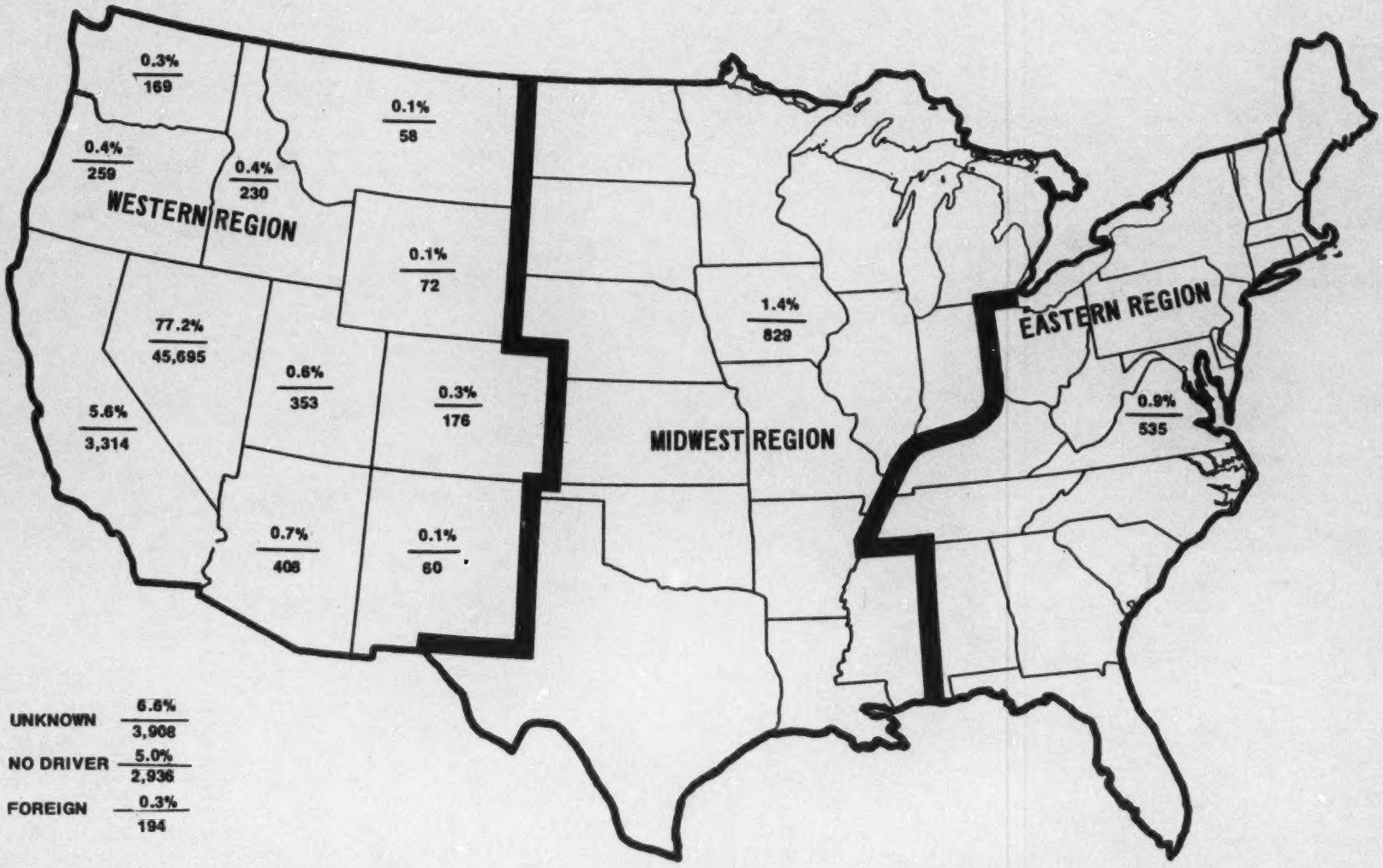
(33,682 TOTAL ACCIDENTS)

DURING 1981 THE BUSINESS AND RESIDENTIAL AREAS PRODUCED 77% OF THE TOTAL ACCIDENTS

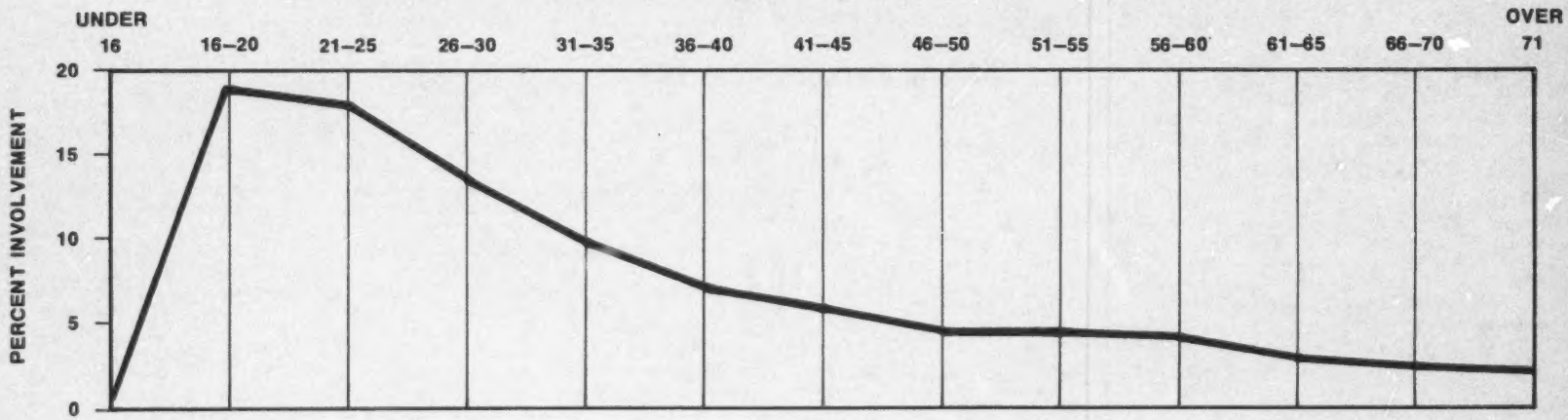


1981 STATEWIDE TRAFFIC ACCIDENTS

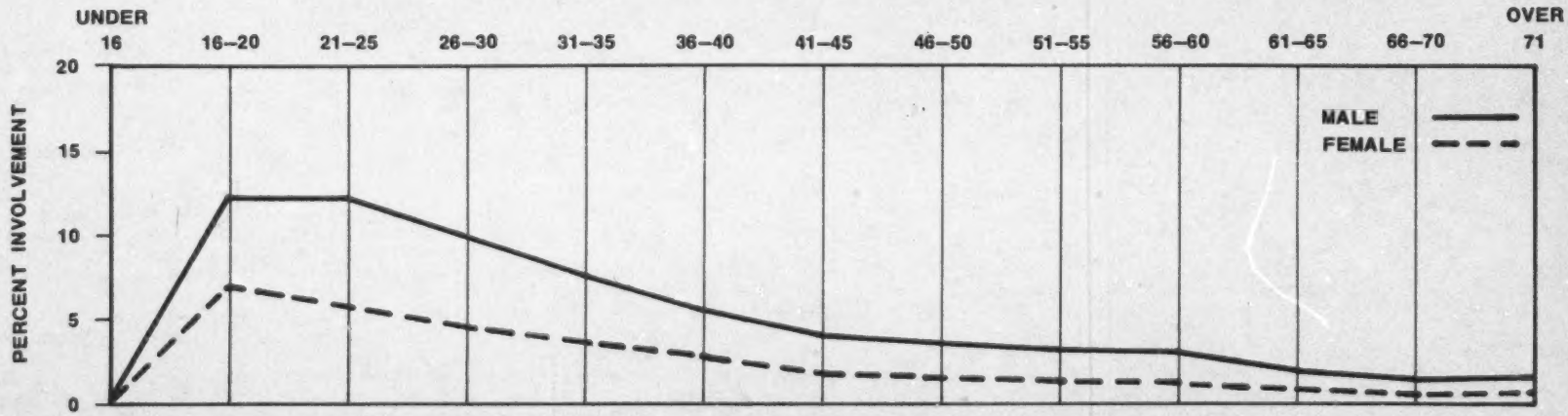
DRIVER RESIDENCY MAP



PERCENTAGES OF DRIVERS INVOLVED IN TRAFFIC ACCIDENTS BY AGE GROUP



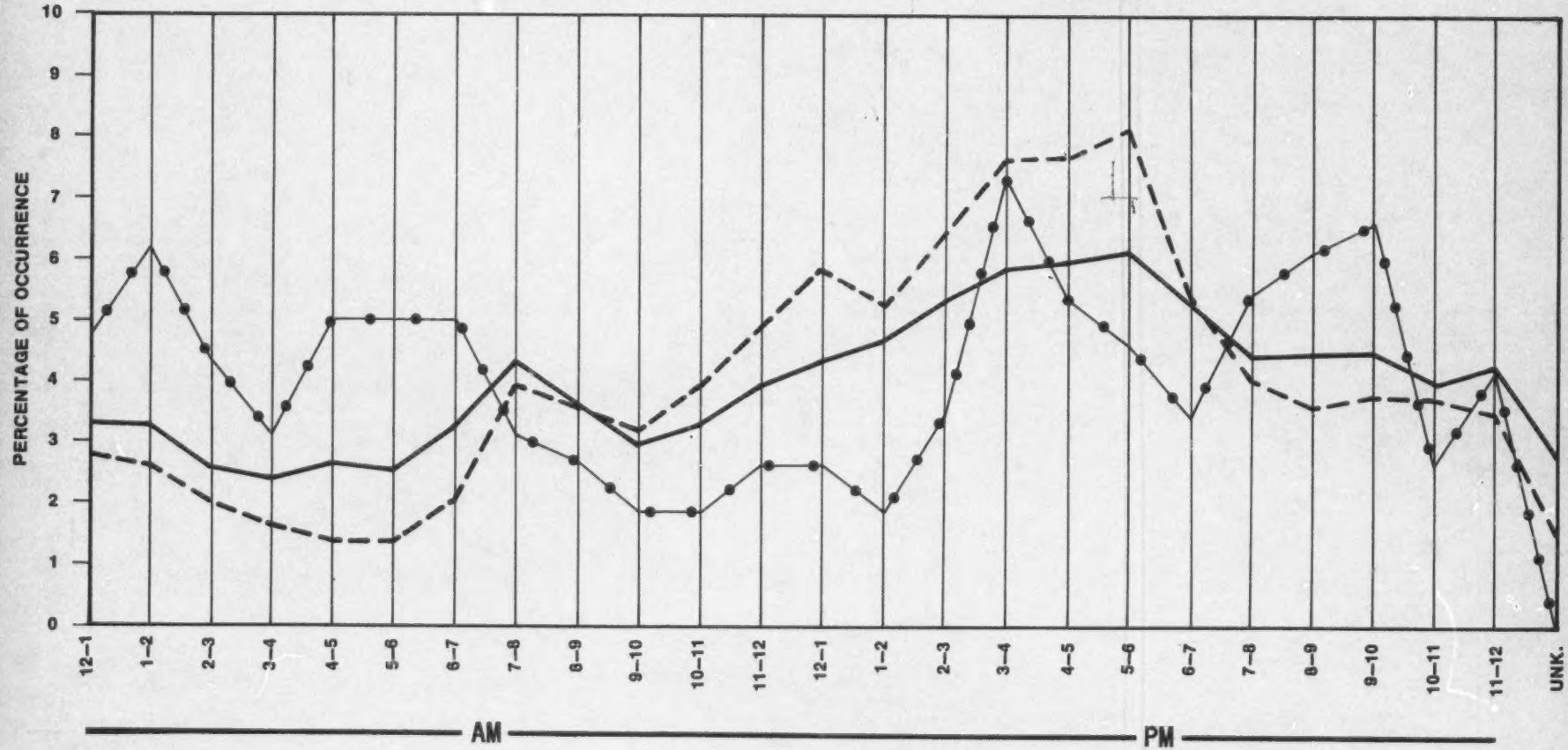
PERCENTAGES OF DRIVERS INVOLVED IN TRAFFIC ACCIDENTS BY AGE GROUP AND SEX



THE AGE GROUP 16–20 REPRESENTS THE HIGHEST NUMBER OF ACCIDENTS FOR BOTH MALE AND FEMALE

(Graphs do not reflect percentage of licenced drivers or vehicle miles of travel driven by Sex or Age Groups)

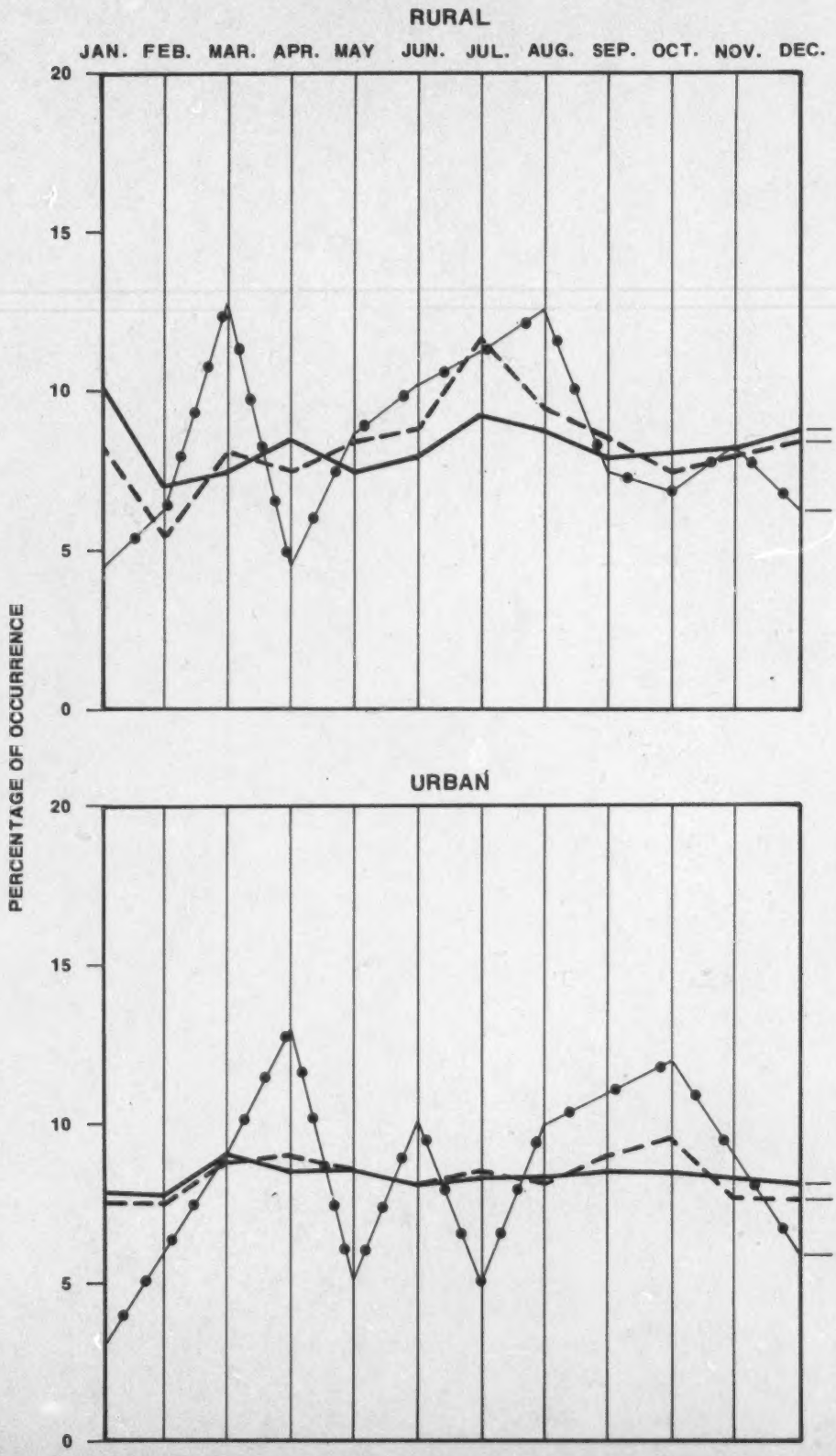
URBAN, RURAL, AND FATAL ACCIDENTS BY TIME OF DAY



URBAN AND RURAL ACCIDENTS OCCURRED MOST FREQUENTLY BETWEEN THE HOURS OF 5 P.M. TO 6 P.M. FATAL ACCIDENTS WERE WIDESPREAD WITH THE HIGHEST PERCENTAGES OF 3–4 P.M., 9–10 P.M., AND 1–2 A.M.

1981 STATEWIDE TRAFFIC ACCIDENTS

RURAL AND URBAN ACCIDENTS BY MONTH

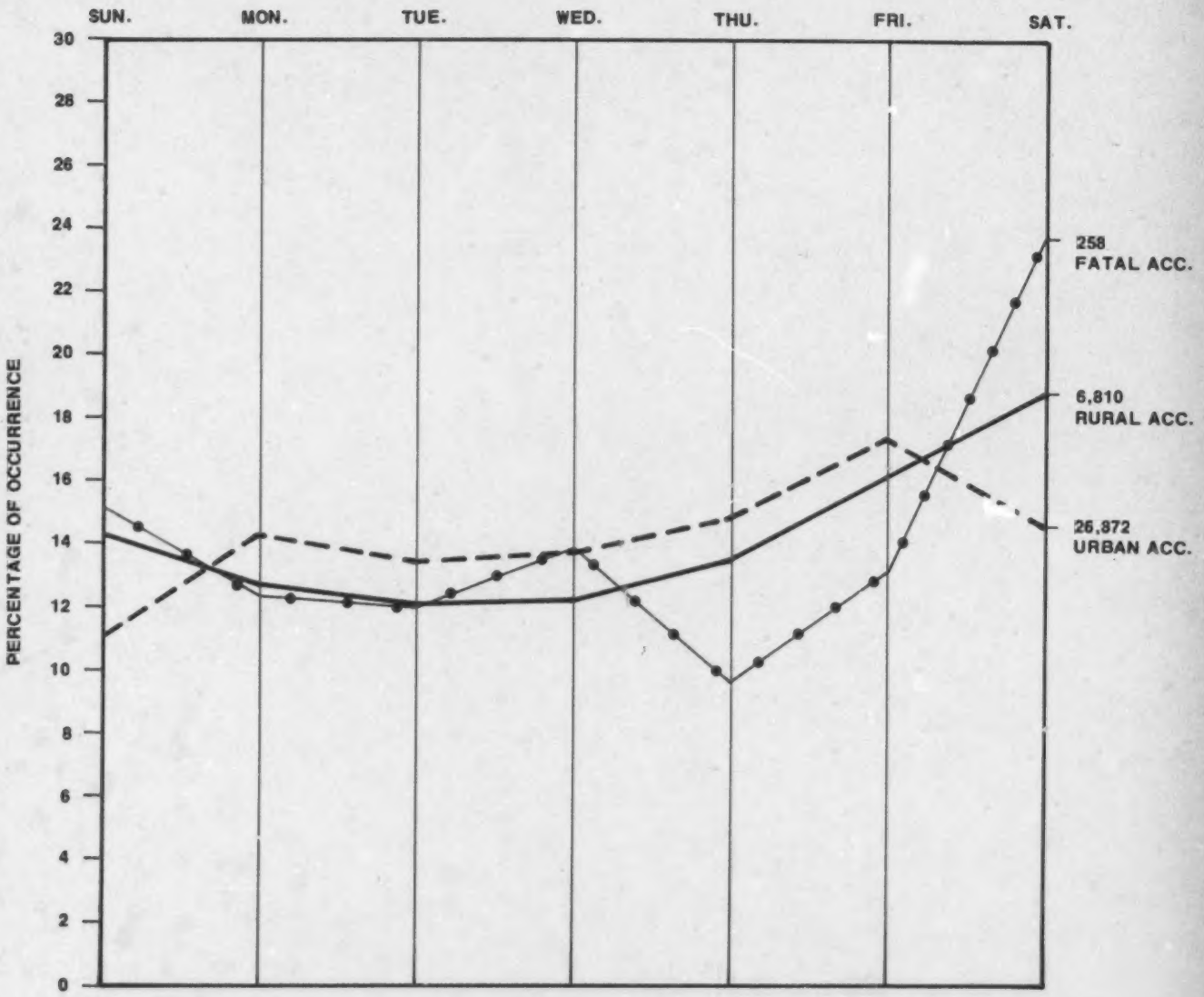


JANUARY EXPERIENCED THE HIGHEST PERCENTAGE OF PROPERTY DAMAGE ACCIDENTS, JULY HAD THE HIGHEST TOTAL OF INJURY ACCIDENTS, AND MARCH AND AUGUST HAD THE HIGHEST TOTAL FOR FATAL ACCIDENTS

MARCH EXPERIENCED THE HIGHEST TOTAL OF PROPERTY DAMAGE ACCIDENTS, OCTOBER HAD THE HIGHEST TOTAL FOR INJURY ACCIDENTS, AND APRIL HAD THE HIGHEST TOTAL FOR FATAL ACCIDENTS.

1981 STATEWIDE TRAFFIC ACCIDENTS

FATAL, URBAN, AND RURAL ACCIDENTS BY DAY OF WEEK



SATURDAY AND SUNDAY HAD THE HIGHEST OCCURRENCE OF FATAL ACCIDENTS. FRIDAY AND SATURDAY EXPERIENCED THE MOST RURAL AND URBAN ACCIDENTS.

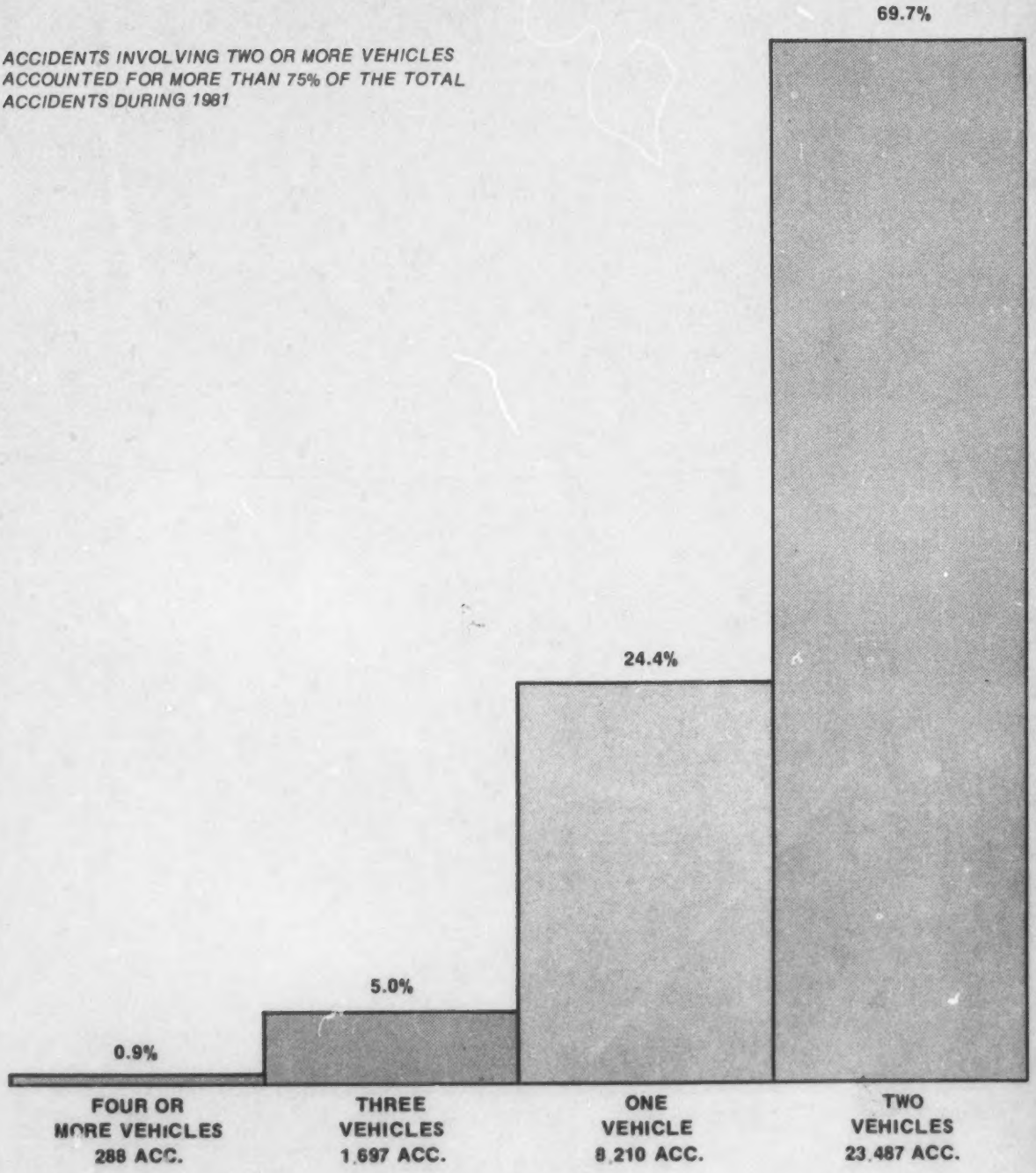
(Urban and Rural Totals include Fatal Accidents)

1981 STATEWIDE TRAFFIC ACCIDENTS

NUMBER OF VEHICLES INVOLVED IN 1981 TRAFFIC ACCIDENTS

(33,682 Total Accidents)

ACCIDENTS INVOLVING TWO OR MORE VEHICLES ACCOUNTED FOR MORE THAN 75% OF THE TOTAL ACCIDENTS DURING 1981



VEHICLES INVOLVED IN ALL TRAFFIC ACCIDENTS BY TYPE

STANDARD PASSENGER CAR	38,153	64.6%
PICK–UP	9,103	15.4%
SMALL PASSENGER CAR	7,878	13.4%
MOTORCYCLES	1,182	2.0%
TRACTOR–1 TRAILER	693	1.2%
SINGLE UNIT TRUCK	493	0.8%
MOTOR HOME	196	0.3%
COMMERCIAL BUS	174	0.3%
PICK–UP TOWING TRAILER	144	0.2%
PASSENGER CAR TOWING TRAILER	113	0.2%
SCHOOL BUS	85	0.1%
TRACTOR–2 TRAILERS	74	0.1%
MOPED	73	0.1%
CONSTRUCTION VEHICLE	40	0.06%
LAW ENFORCEMENT VEHICLE	25	0.04%
FIRE VEHICLE	19	0.03%
TRACTOR–3 TRAILERS (Overlength)	15	0.02%
FARM VEHICLE	15	0.02%
TRACTOR–PULLING MOBILE HOME	13	0.02%
AMBULANCE	4	0.01%
OTHER–UNKNOWN	657	1.1%
TOTALS	59,149	100.0%

VEHICLES IN FATAL TRAFFIC ACCIDENTS BY TYPE

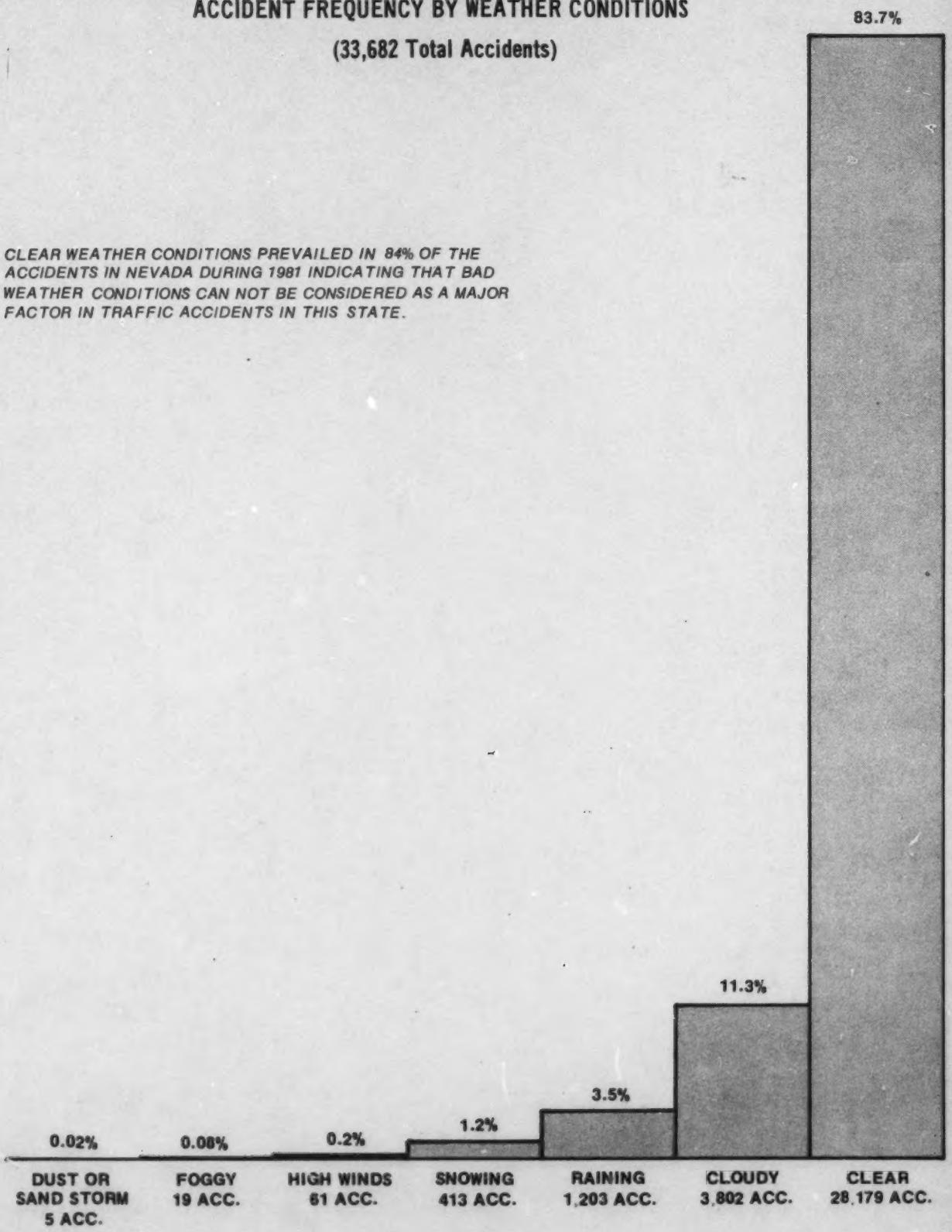
STANDARD PASSENGER CAR	131	37.6%
SMALL PASSENGER CAR	102	29.3%
PICK–UP	69	19.8%
MOTORCYCLE	17	4.9%
TRACTOR–1 TRAILER	15	4.3%
SINGLE UNIT TRUCK	5	1.4%
COMMERCIAL BUS	2	0.6%
MOPED	1	0.3%
TRUCK–2 TRAILERS	1	0.3%
UNKNOWN	3	0.9%
OTHER	2	0.6%
TOTALS	348	100.0%

1981 STATEWIDE TRAFFIC ACCIDENTS

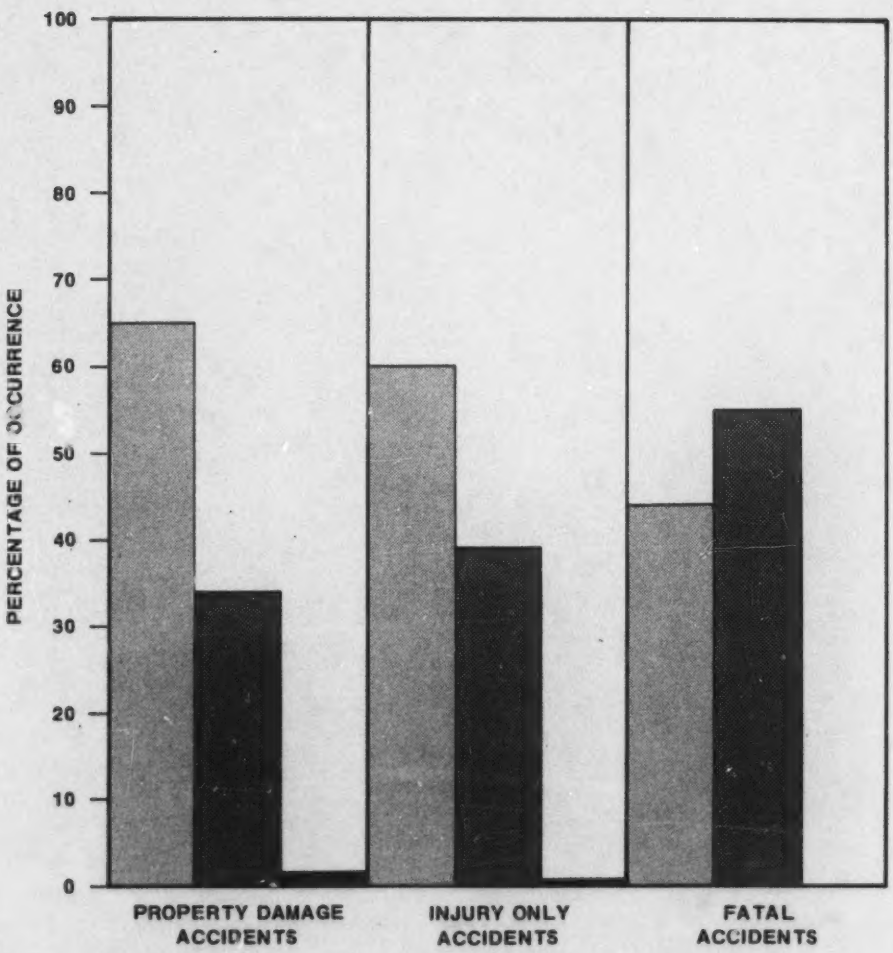
ACCIDENT FREQUENCY BY WEATHER CONDITIONS

(33,682 Total Accidents)

CLEAR WEATHER CONDITIONS PREVAILED IN 84% OF THE ACCIDENTS IN NEVADA DURING 1981 INDICATING THAT BAD WEATHER CONDITIONS CAN NOT BE CONSIDERED AS A MAJOR FACTOR IN TRAFFIC ACCIDENTS IN THIS STATE.



LIGHT CONDITION IN RESPECT TO PROPERTY DAMAGE, INJURY AND FATAL TRAFFIC ACCIDENTS



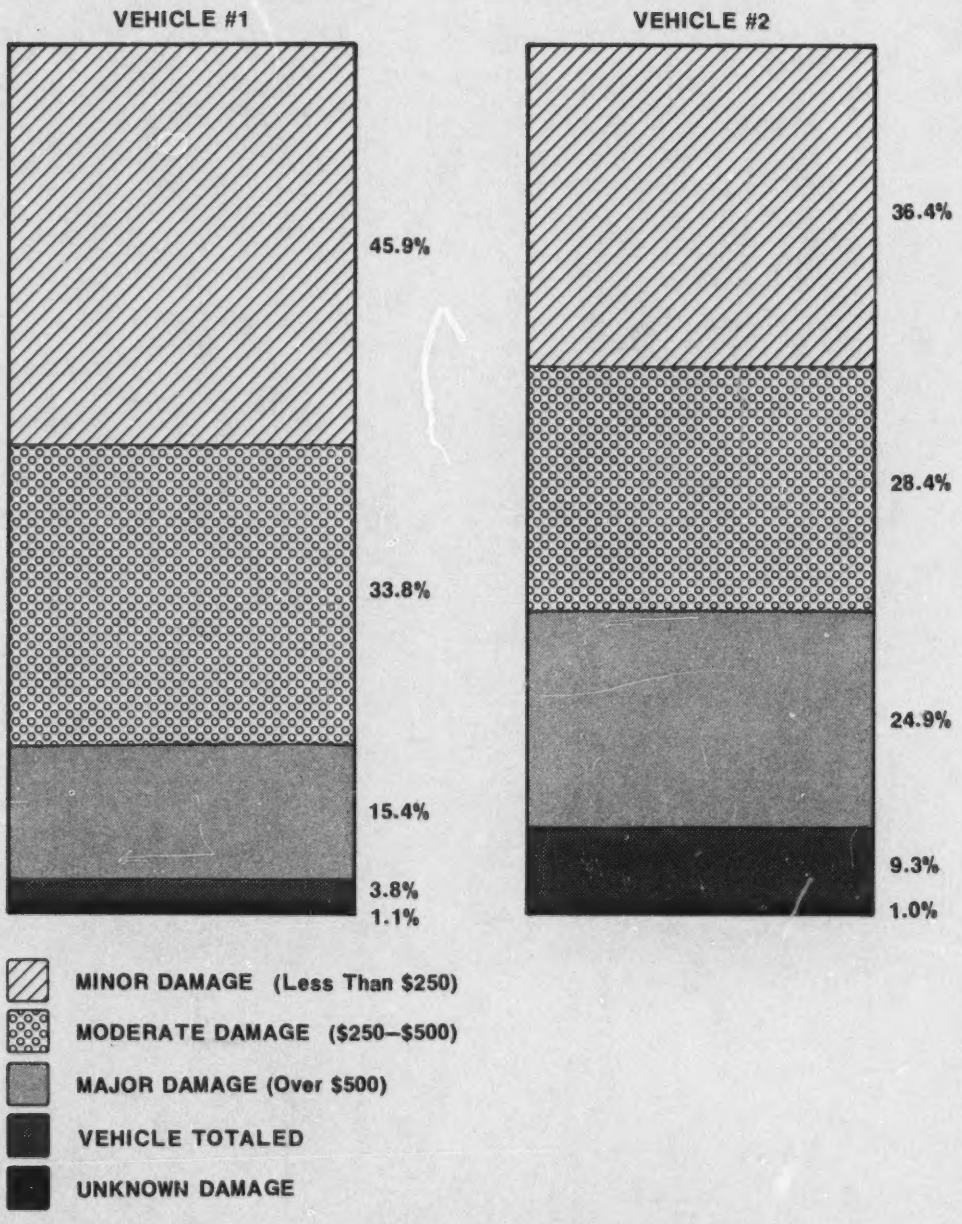
AS ILLUSTRATED BY THE GRAPH, PROPERTY DAMAGE ACCIDENTS AND INJURY ACCIDENTS OCCUR MORE FREQUENTLY DURING THE DAYLIGHT HOURS WHILE FATAL ACCIDENTS HAVE A HIGHER OCCURRENCE DURING THE NIGHTTIME HOURS (55.8%)

DAYTIME ACCIDENTS

NIGHTTIME ACCIDENTS

UNKNOWN

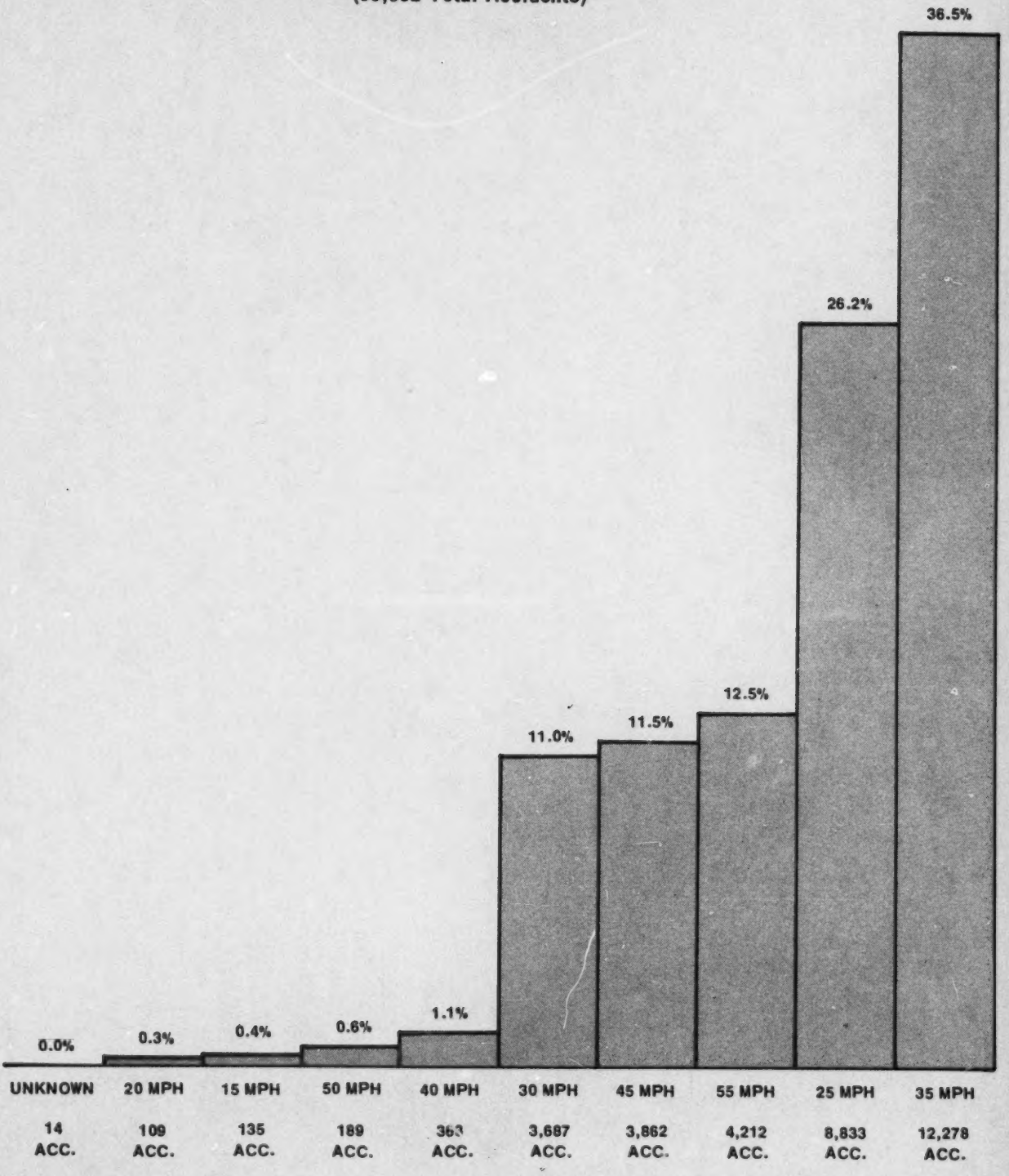
AMOUNT OF DAMAGE



NOTE: SECOND VEHICLE NOT ALWAYS INVOLVED IN ALL ACCIDENTS.

POSTED SPEED LIMIT AT ACCIDENT LOCATIONS

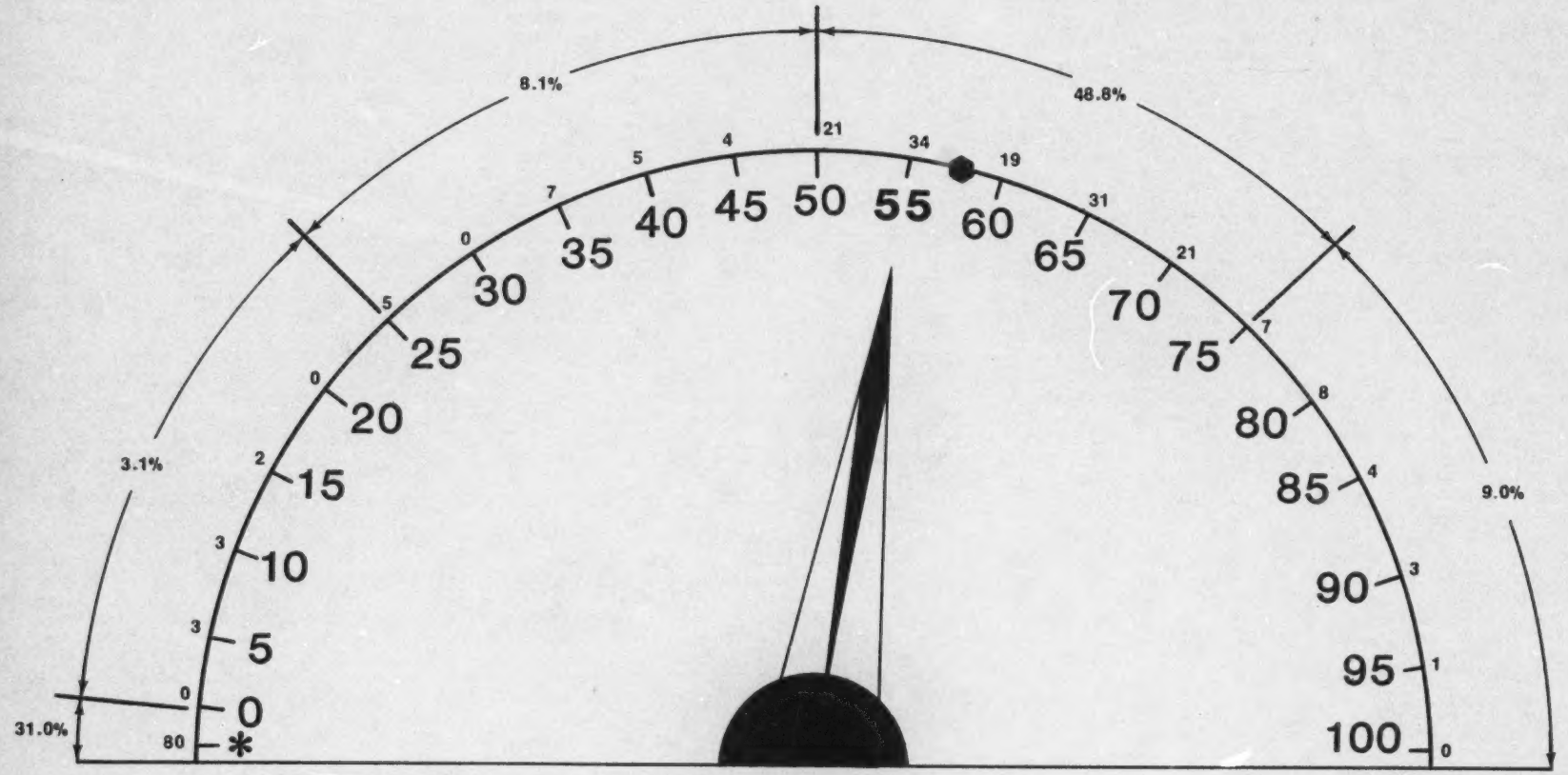
(33,682 Total Accidents)



1981 STATEWIDE TRAFFIC ACCIDENTS

SPEED OF THE ERRANT DRIVER IN FATAL TRAFFIC ACCIDENTS

39.5% OF FATAL ACCIDENTS OCCURRED AT A SPEED GREATER THAN 56 MPH.

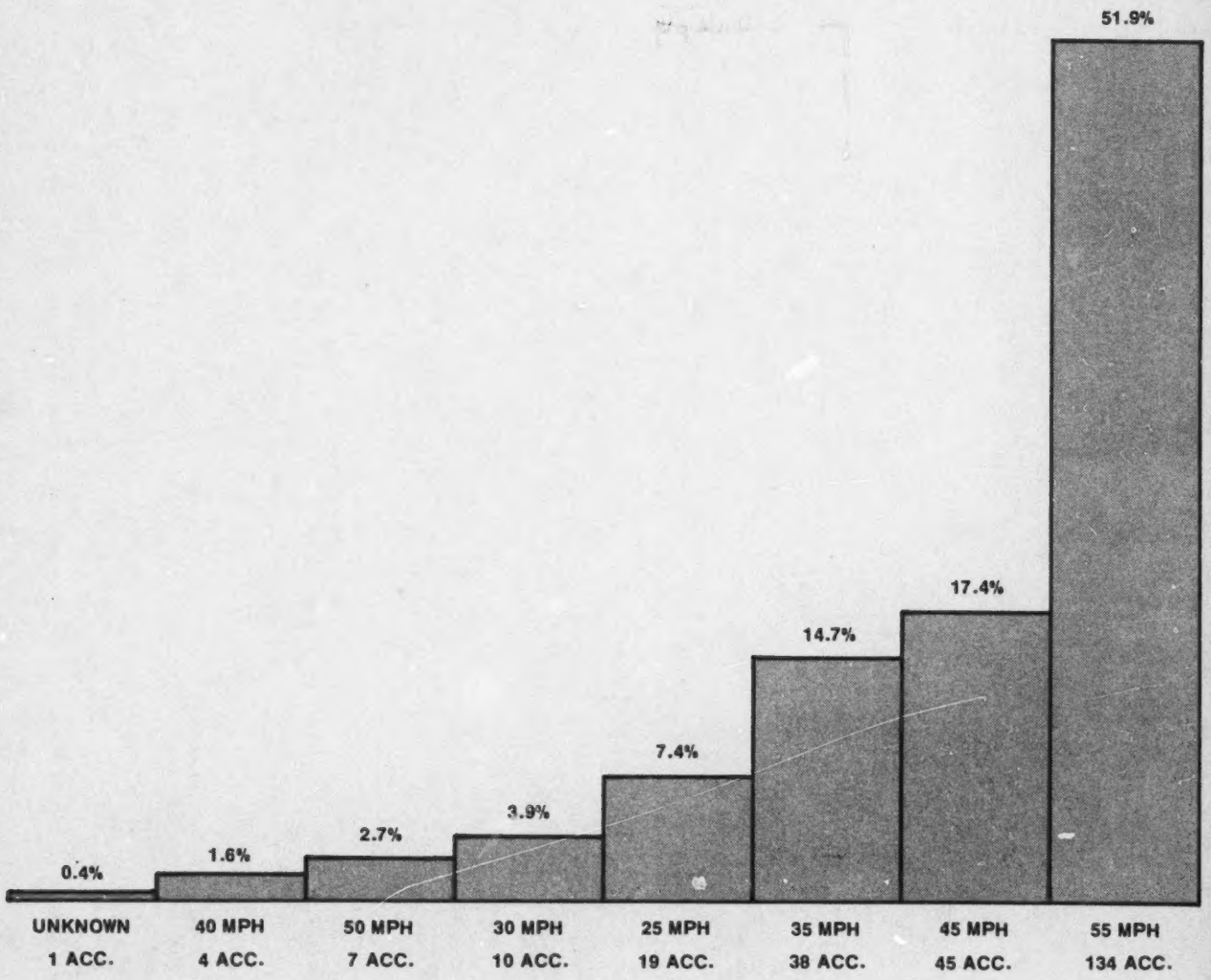


⬢ INDICATES AVERAGE SPEED OF TRAFFIC FOR ROADWAYS IN NEVADA WITH 55 MPH SPEED LIMITS (56.5 MPH)

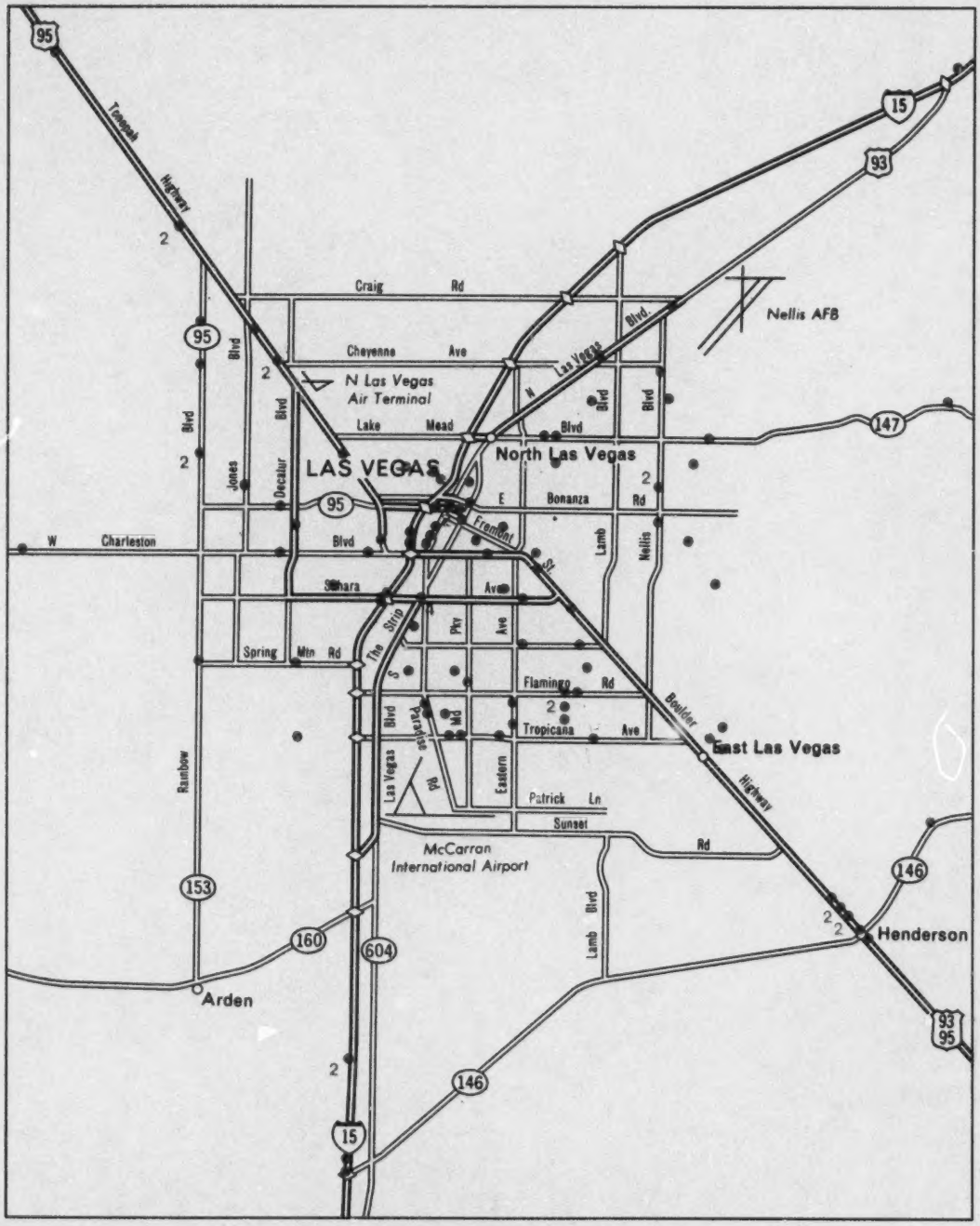
* 31% OF THE FATAL ACCIDENTS HAD AN UNKNOWN SPEED

POSTED SPEED LIMITS AT ALL FATAL ACCIDENT LOCATIONS

(258 Fatal Accidents)



FATAL ACCIDENT LOCATIONS



LAS VEGAS AREA

MILES

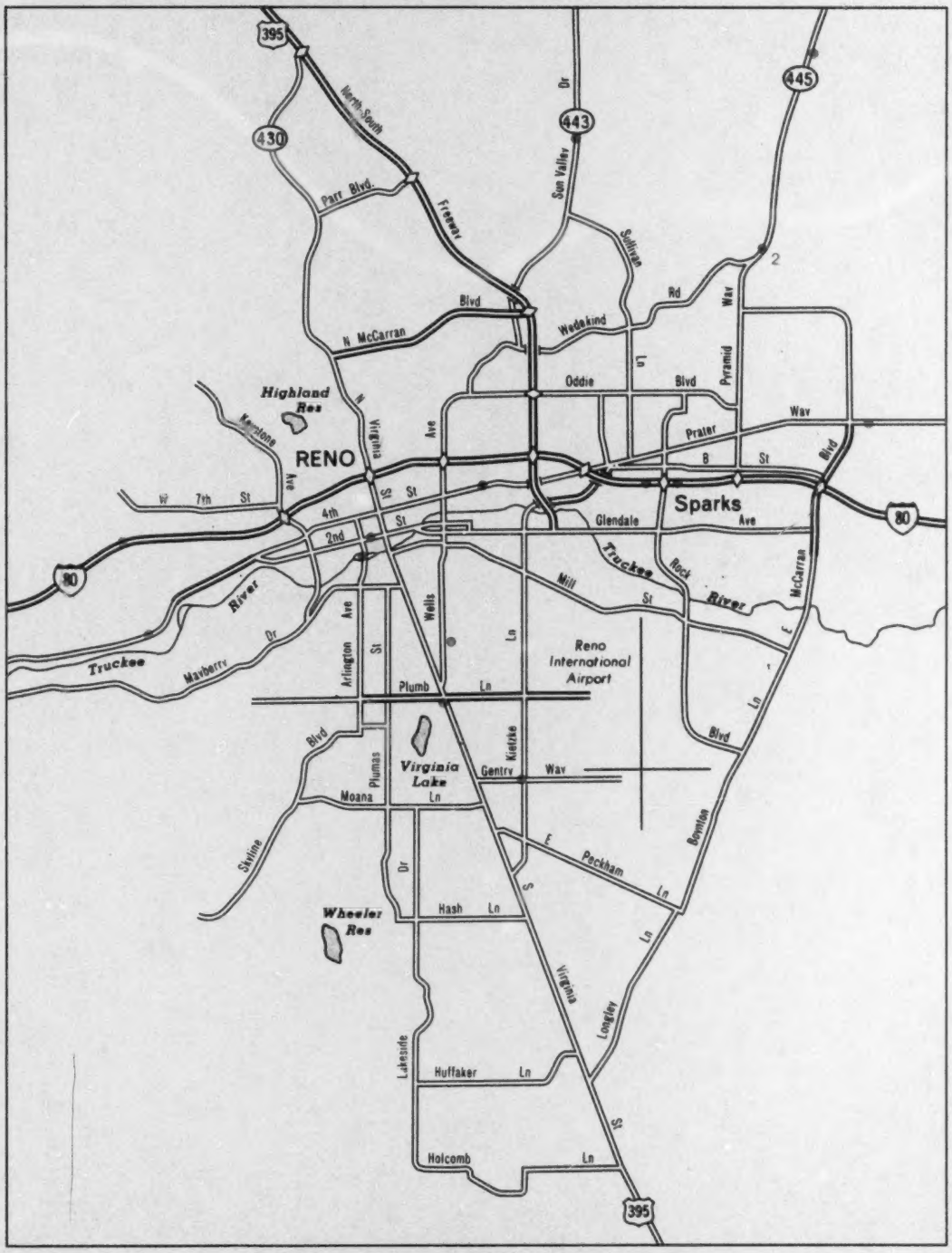
0 5 10

0 5 10 15

KILOMETERS

1981 STATEWIDE TRAFFIC ACCIDENTS

FATAL ACCIDENT LOCATIONS



RENO-SPARKS AREA

MILES

0 1 2

0 1 2 3

KILOMETERS

BEST AVAILABLE COPY

BEST AVAILABLE COPY

1981 Fatal Traffic Locations

GENERAL HIGHWAY BASE MAP STATE OF NEVADA

1975

PREPARED BY
NEVADA STATE HIGHWAY DEPARTMENT
PLANNING SURVEY DIVISION
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

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Nevada State Highway Department

FOR SALE BY THE NEVADA STATE HIGHWAY DEPARTMENT
1263 SOUTH STEWART STREET, CARSON CITY, NEVADA 89701

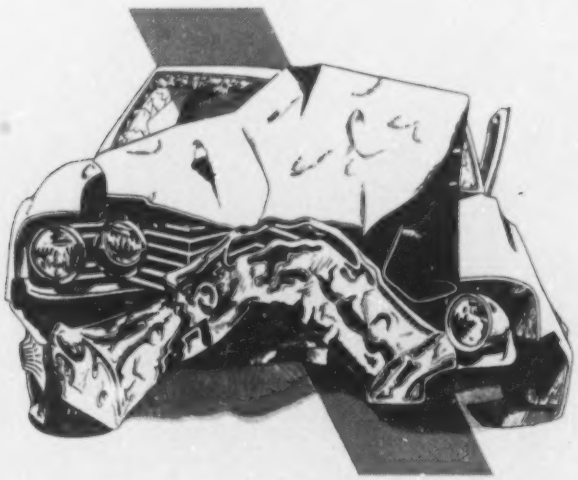
Transverse Mercator Projection Mount Diablo Base and Meridian
50,000 Meter Universal Transverse Mercator Grid Zone 11
An index and price list of map coverage available upon request

State Route Numbers Revised January 1980

LAKE TAHOE AREA

9/30/83 S 5140-1 (4) a

Nevada Traffic Accidents



1982

PREPARED BY

NEVADA DEPARTMENT OF TRANSPORTATION
SAFETY ENGINEERING DIVISION

IN COOPERATION WITH

NEVADA DEPARTMENT OF MOTOR VEHICLES,
AND THE FEDERAL HIGHWAY ADMINISTRATION

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INTRODUCTION

This publication presents a statistical history of all motor vehicle traffic accidents which occurred in Nevada during the calendar year 1982. Data contained within supplies the Nevada Department of Transportation, other responsible groups, agencies and individuals with statistical data which can be used to find ways to reduce the number and severity of traffic accidents in Nevada. Included are graphs and tables to depict the numerous relationships involved in traffic accidents.

During calendar year 1982 there were 31,197 traffic accidents. 23,409 were property damage only, 7,540 were injury accidents, and 248 were fatal accidents. The injury and fatal accidents resulted in 11,389 injuries and 280 fatalities.

The 1982 accident totals represent a 6.7% decrease in property damage accidents, 9.5% decrease in injury accidents, a 3.9% decrease in fatal accidents; and a 12.2% decrease in the number of injuries and a 4.8% decrease in the number of fatalities over the 1981 totals.

The annual vehicle miles for 1982 were 6.51 billion compared with 6.45 billion in 1981, a 0.9% increase. The total economic loss resulting from these traffic accidents is $167,762,930 based upon 1982 National Safety Council estimates for accident costs.

The overall accident rate for 1982 showed a significant decrease (8.2%) over the rate for 1981. The accident rates per 100 million vehicle miles for property damage, injury, and fatal accidents in 1982 were 359.50 (–7.6%) 115.79 (–10.3%), and 3.81 (–4.5%) respectively as compared with corresponding 1981 rates of 388.90, 129.03, and 3.99.

HISTORICAL TRENDS OF STATEWIDE TRAFFIC ACCIDENTS

ACCIDENT RATES AND ANNUAL VEHICLE MILES

TABLE A

ACCIDENT RATES PER 100 MILLION VEHICLE MILES
FOR FATAL, INJURY AND TOTAL ACCIDENTS IN NEVADA

YEAR	FATAL ACCIDENTS	FATAL RATE	INJURY ACCIDENTS	INJURY RATE	TOTAL ACCIDENTS	TOTAL RATE	TOTAL ANNUAL VEHICLE MILES (MILLIONS)
1973	234	5.32	5,944	135.09	23,709	538.84	4,400
1974	187	4.31	5,676	130.93	21,639	499.17	4,335
1975	193	4.20	5,958	129.52	22,223	483.11	4,600
1976	192	3.93	6,455	132.00	23,655	483.74	4,890
1977	226	4.27	7,127	134.52	26,158	493.73	5,298
1978	271	4.71	8,885	154.52	31,582	549.25	5,750
1979	302	5.12	9,463	160.55	32,472	550.93	5,894
1980	302	4.96	8,696	142.95	33,984	558.65	6,083
1981	258	3.99	8,327	129.03	33,682	521.93	6,453
1982	248	3.81	7,540	115.79	31,197	479.10	6,512

TABLE B

COMPARISON OF NEVADA AND NATIONAL ACCIDENT RATES
FOR FATAL AND INJURY ACCIDENTS

YEAR	FATAL ACCIDENTS NEVADA	FATAL ACCIDENTS NATIONAL	INJURY ACCIDENTS NEVADA	INJURY ACCIDENTS NATIONAL
1973	5.32	3.61	135.09	142.35
1974	4.31	3.15	130.93	137.75
1975	4.20	3.01	129.52	140.00
1976	3.93	2.87	132.00	133.29
1977	4.27	2.91	134.52	129.77
1978	4.71	2.92	154.52	138.32
1979	5.12	2.97	160.55	137.46
1980	4.96	3.38	142.95	132.82
1981	3.99	2.84	129.03	130.12
1982	3.81	2.82 (est.)	115.79	130.45 (est.)

DURING 1982 THE ACCIDENT RATES IN ALL CATEGORIES SHOWED A SIGNIFICANT DECREASE WHEN COMPARED WITH THE 1981 TOTALS.

NOTE: Traffic accidents occurring on private property are not included

NUMBER OF TRAFFIC ACCIDENTS ANNUAL VEHICLE MILES AND ACCIDENT RATES BY COUNTY

COUNTY	TOTAL TRAFFIC ACCIDENTS	% OF TOTAL ACCIDENTS	TOTAL AVM	% OF TOTAL AVM	ACCIDENT RATE PER 10^8 AVM
ESMERALDA	48	0.15	57,372,148	0.88	83.66
LINCOLN	73	0.23	59,810,423	0.92	122.05
STOREY	82	0.26	11,137,070	0.17	736.28
EUREKA	87	0.28	58,197,205	0.89	149.49
PERSHING	122	0.39	143,794,762	2.21	84.84
LANDER	137	0.44	69,918,600	1.07	195.94
MINERAL	162	0.52	81,099,100	1.25	199.76
LYON	191	0.61	153,531,833	2.36	124.40
NYE	236	0.76	143,292,344	2.20	164.70
WHITE PINE	322	1.03	94,364,878	1.45	341.23
HUMBOLDT	339	1.09	163,290,441	2.51	207.61
CHURCHILL	398	1.28	179,049,903	2.75	222.28
ELKO	461	1.48	315,554,610	4.85	146.09
DOUGLAS	637	2.04	204,696,842	3.14	311.19
CARSON CITY	833	2.67	184,857,056	2.84	450.62
WASHOE	7,623	24.44	1,476,180,272	22.67	516.40
CLARK	19,446	62.33	3,115,404,856	47.84	624.19
TOTAL	**31,197**	**100.00**	**6,511,552,343**	**100.00**	**479.10**

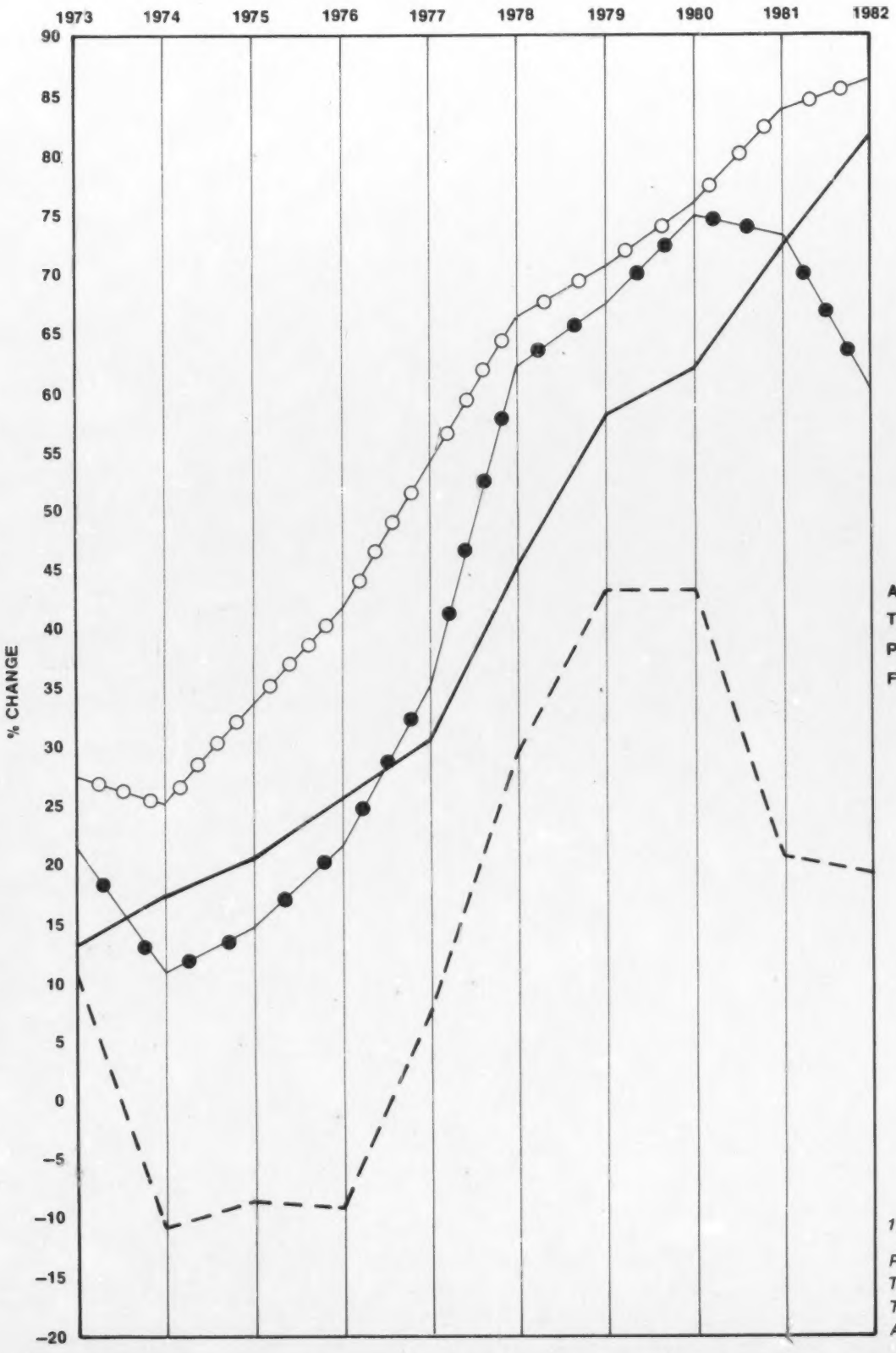
CLARK COUNTY HAS THE LARGEST POPULATION, THE MOST VEHICLE MILES, AND THE LARGEST NUMBER OF TRAFFIC ACCIDENTS. STOREY COUNTY HAS THE HIGHEST TRAFFIC ACCIDENT RATE PER 100 MILLION VEHICLE MILES. ESMERALDA HAS THE LOWEST TRAFFIC ACCIDENT RATE PER 100 MILLION VEHICLE MILES.

NUMBER OF TRAFFIC ACCIDENTS, ANNUAL VEHICLE MILES AND ACCIDENT RATES BY HIGHWAY SYSTEM

HIGHWAY SYSTEM	TOTAL ACCIDENTS	% OF TOTAL ACCIDENTS	TOTAL AVM MILLIONS	% OF TOTAL AVM	ACCIDENT RATE PER 10^8 AVM
INTERSTATE RURAL	1,014	3.25	1,047,000,000	16.1%	96.85
INTERSTATE URBAN	1,389	4.45	429,000,000	6.6%	323.78
FEDERAL AID PRIMARY RURAL	2,081	6.67	998,000,000	15.3%	208.52
FEDERAL AID PRIMARY URBAN	543	1.74	265,000,000	4.1%	204.91
FEDERAL AID SECONDARY RURAL	1,954	6.26	560,000,000	8.6%	348.93
FEDERAL AID URBAN	16,107	51.63	2,095,000,000	32.2%	768.83
NON FEDERAL AID RURAL COLLECTOR	409	1.31	171,000,000	2.6%	239.18
NON FEDERAL AID URBAN COLLECTOR	2,017	6.47	266,000,000	4.1%	758.27
NON FEDERAL AID RURAL LOCAL	850	2.72	269,000,000	4.1%	315.99
NON FEDERAL AID URBAN LOCAL	4,743	15.20	397,000,000	6.1%	1194.71
NON FEDERAL AID URBAN ARTERIAL	90	0.30	13,000,000	0.2%	692.31
TOTAL	**31,197**	**100.00**	**6,511,000,000**	**100.0%**	**479.10**

FA URBAN ROADS EXPERIENCED THE LARGEST NUMBER OF ACCIDENTS AND THE HIGHEST NUMBER OF VEHICLE MILES. NON FEDERAL AID URBAN LOCAL EXPERIENCED THE HIGHEST ACCIDENT RATE PER 100 MILLION VEHICLE MILES INTERSTATE RURAL EXPERIENCED THE LOWEST ACCIDENT RATE PER 100 MILLION VEHICLE MILES.

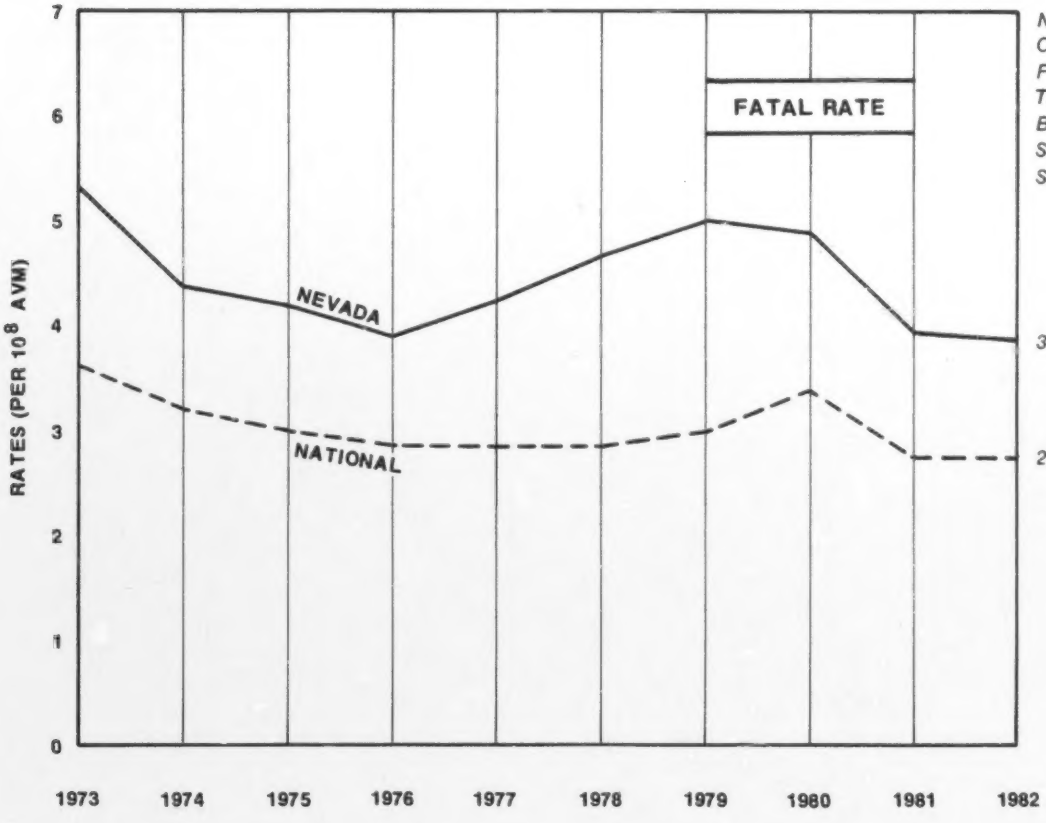
COMPARISONS OF ANNUAL VEHICLE MILES, TOTAL ACCIDENTS, FATAL ACCIDENTS, AND POPULATION



1970 BASE YEAR STATS

POP. 489,000
TOT. ACC. 19,480
TOT. FAT. ACC. 211
AVM 3.5 BILLION

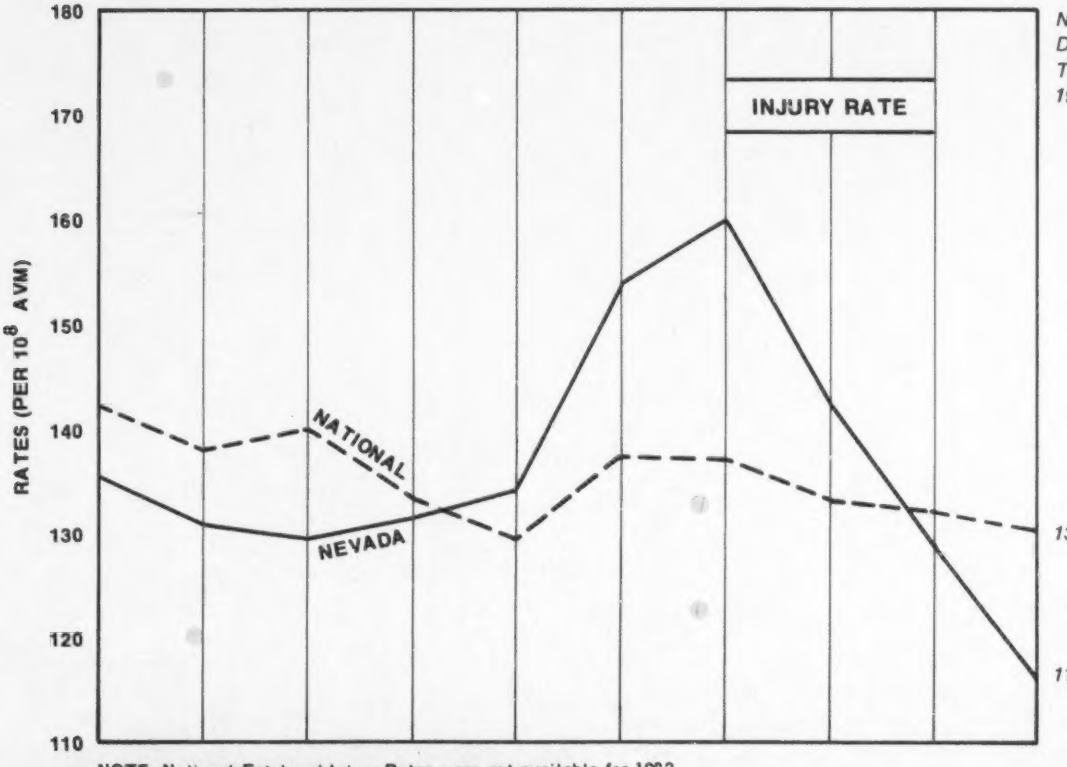
A COMPARISON OF FATAL AND INJURY RATES FOR NEVADA vs NATIONAL



NEVADA HAS SHOWN A CONSISTENTLY HIGHER FATALITY RATE THAN THE NATIONAL AVERAGE BUT HAS SHOWN A SIGNIFICANT DECLINE SINCE 1979

3.81%

2.82% EST.



NEVADA HAS HAD A DRAMATIC DECREASE IN THE INJURY RATE SINCE 1979

130.45 EST.

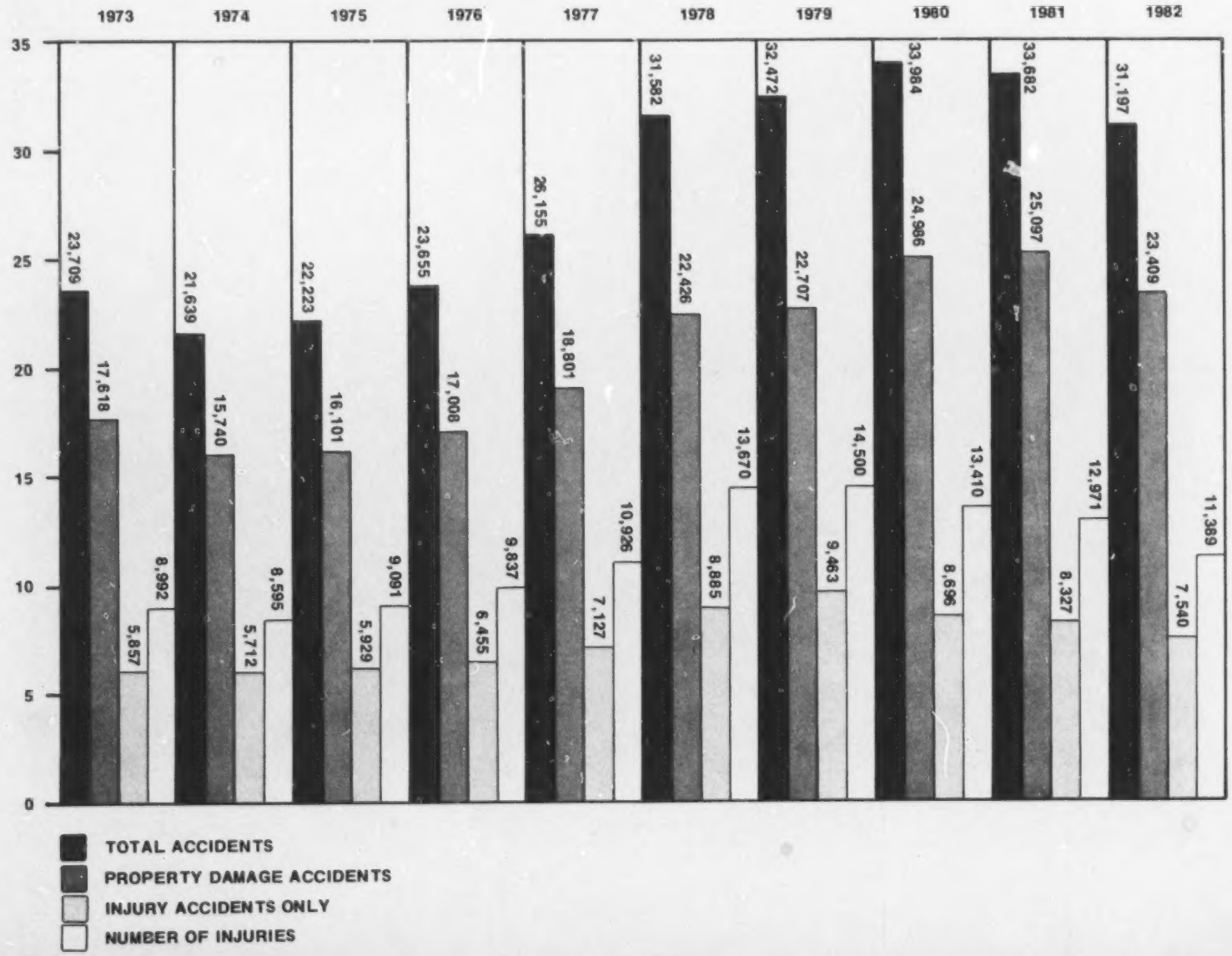
115.79%

NOTE: National Fatal and Injury Rates were not available for 1982

BEST AVAILABLE COPY

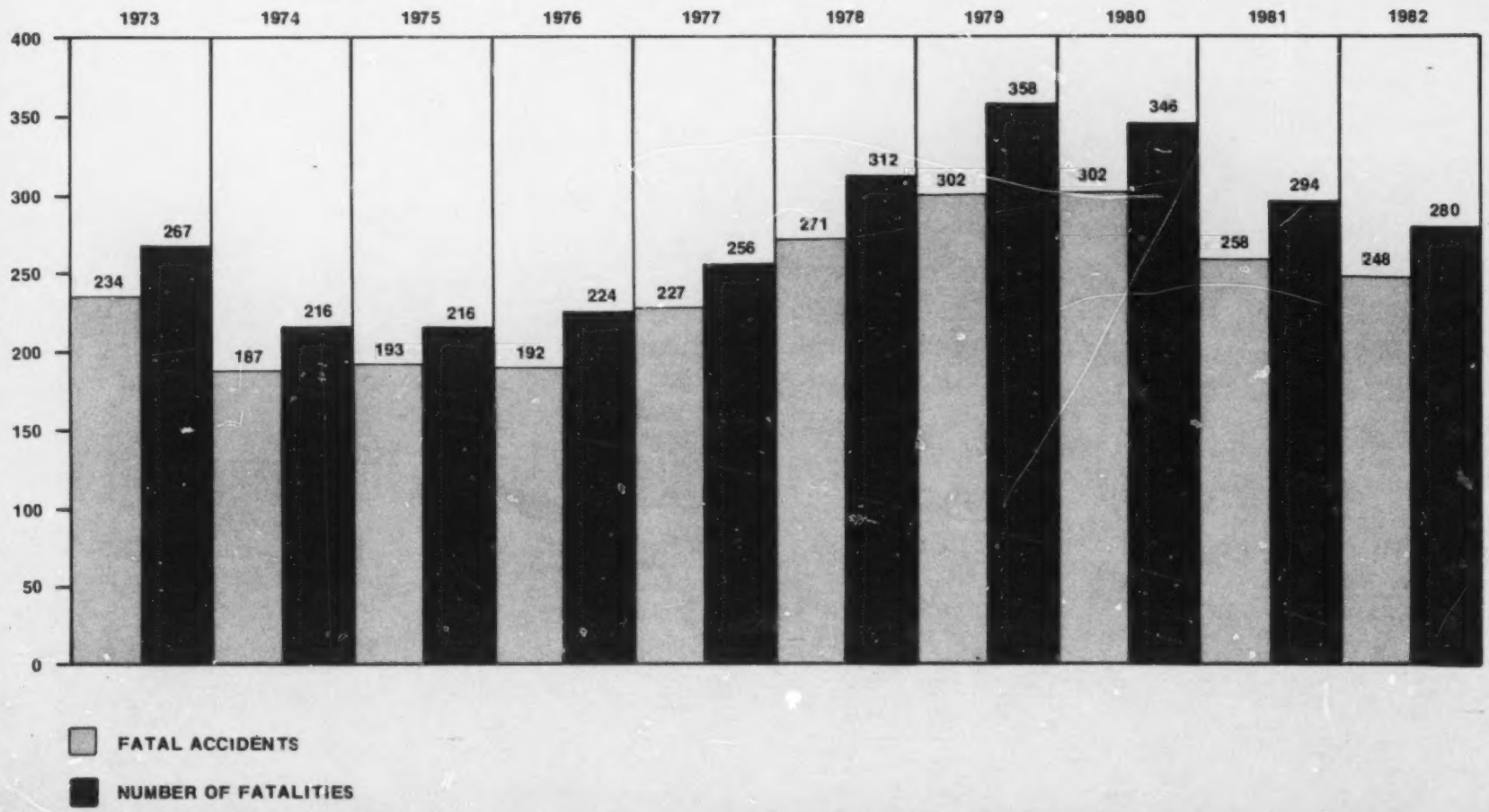
1982 STATEWIDE TRAFFIC ACCIDENTS

TEN YEAR TRENDS FOR PROPERTY DAMAGE AND INJURY ACCIDENTS



1982 STATEWIDE TRAFFIC ACCIDENTS

TEN YEAR TRENDS FOR FATAL TRAFFIC ACCIDENTS (1973–1982)



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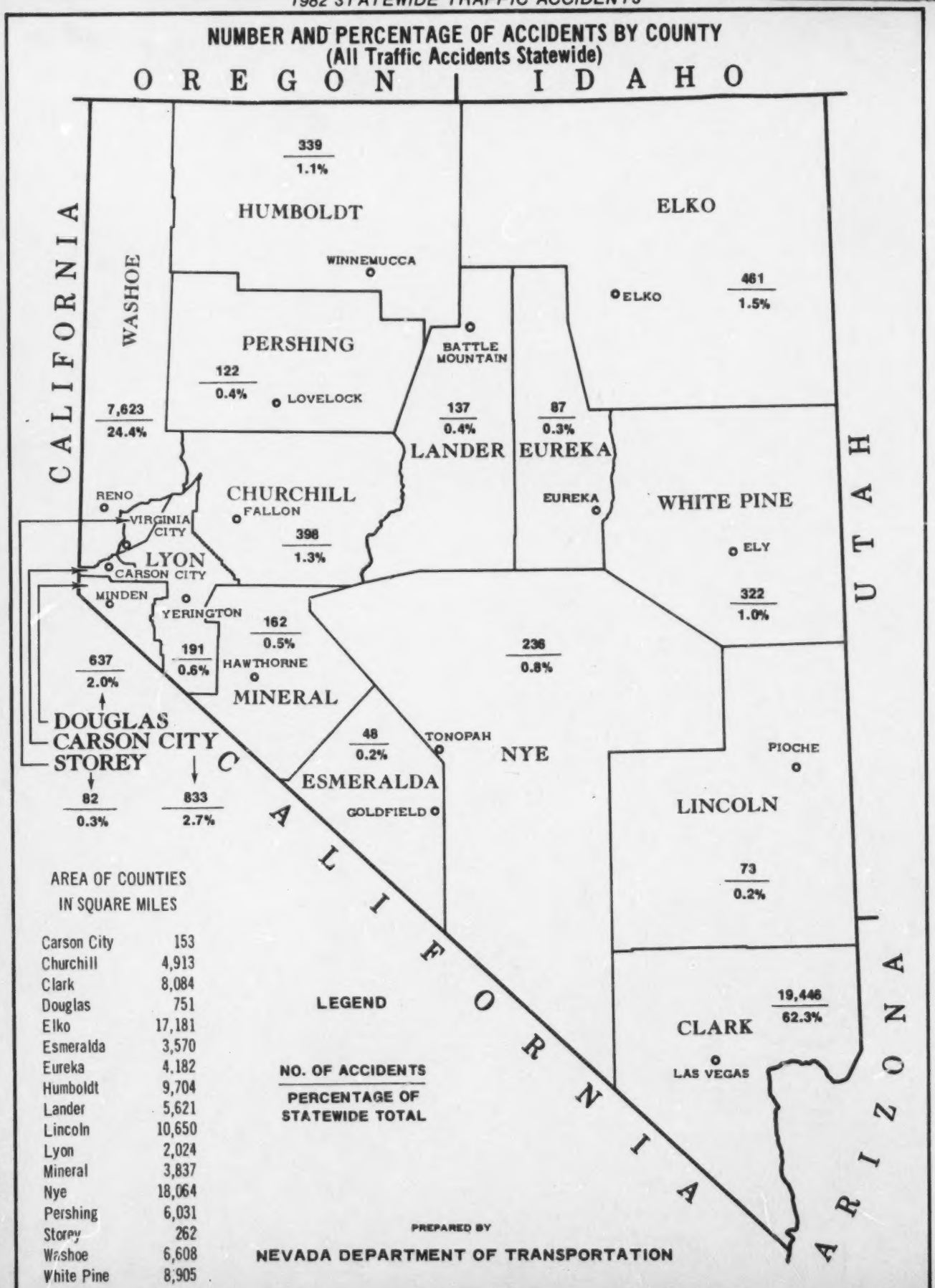
1982 STATEWIDE TRAFFIC ACCIDENTS



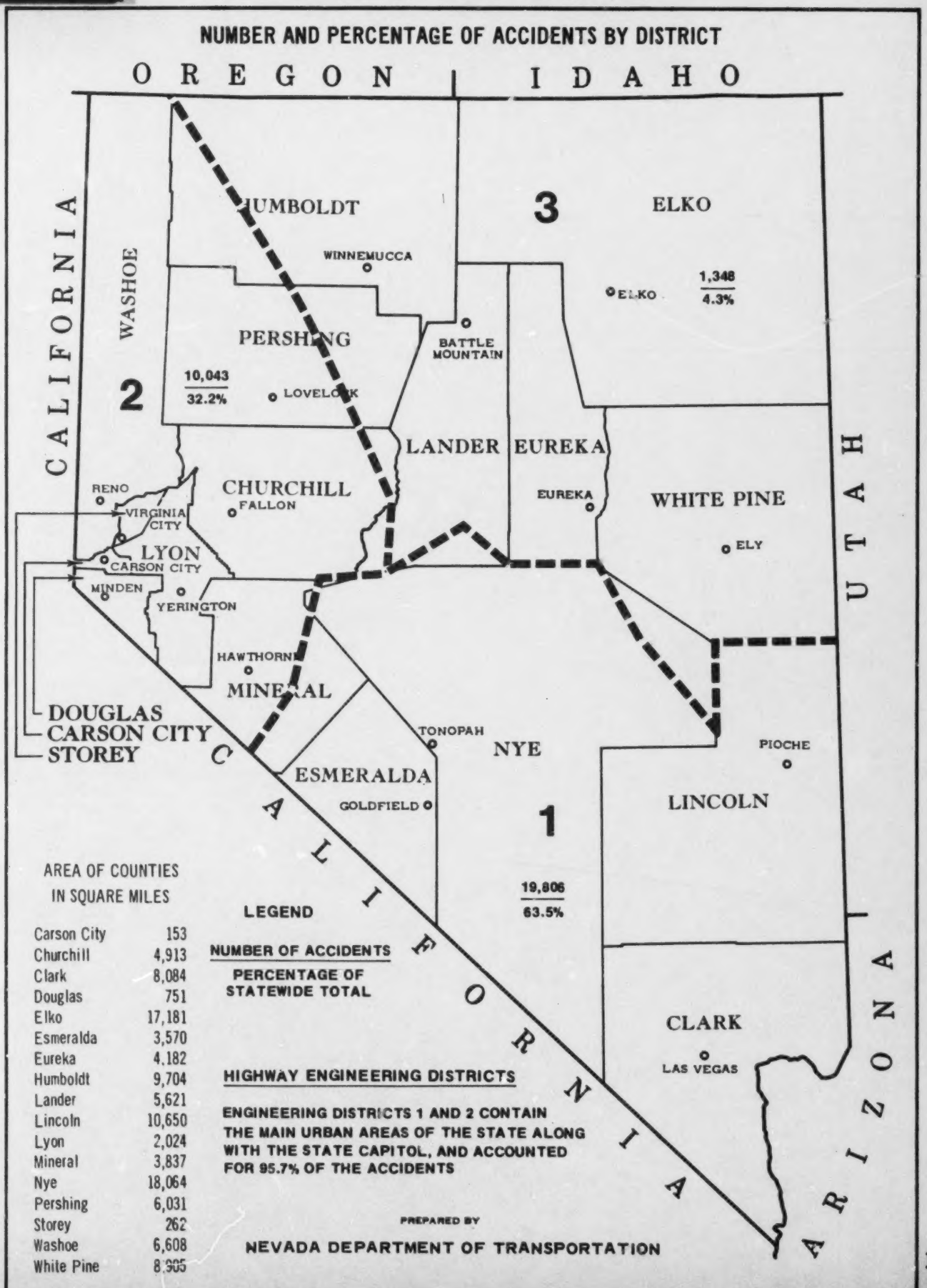
AREA OF COUNTIES IN SQUARE MILES

Carson City	153
Churchill	4,913
Clark	8,084
Douglas	751
Elko	17,181
Esmeralda	3,570
Eureka	4,182
Humboldt	9,704
Lander	5,621
Lincoln	10,650
Lyon	2,024
Mineral	3,837
Nye	18,064
Pershing	6,031
Storey	262
Washoe	6,608
White Pine	8,905

PREPARED BY

NEVADA DEPARTMENT OF TRANSPORTATION

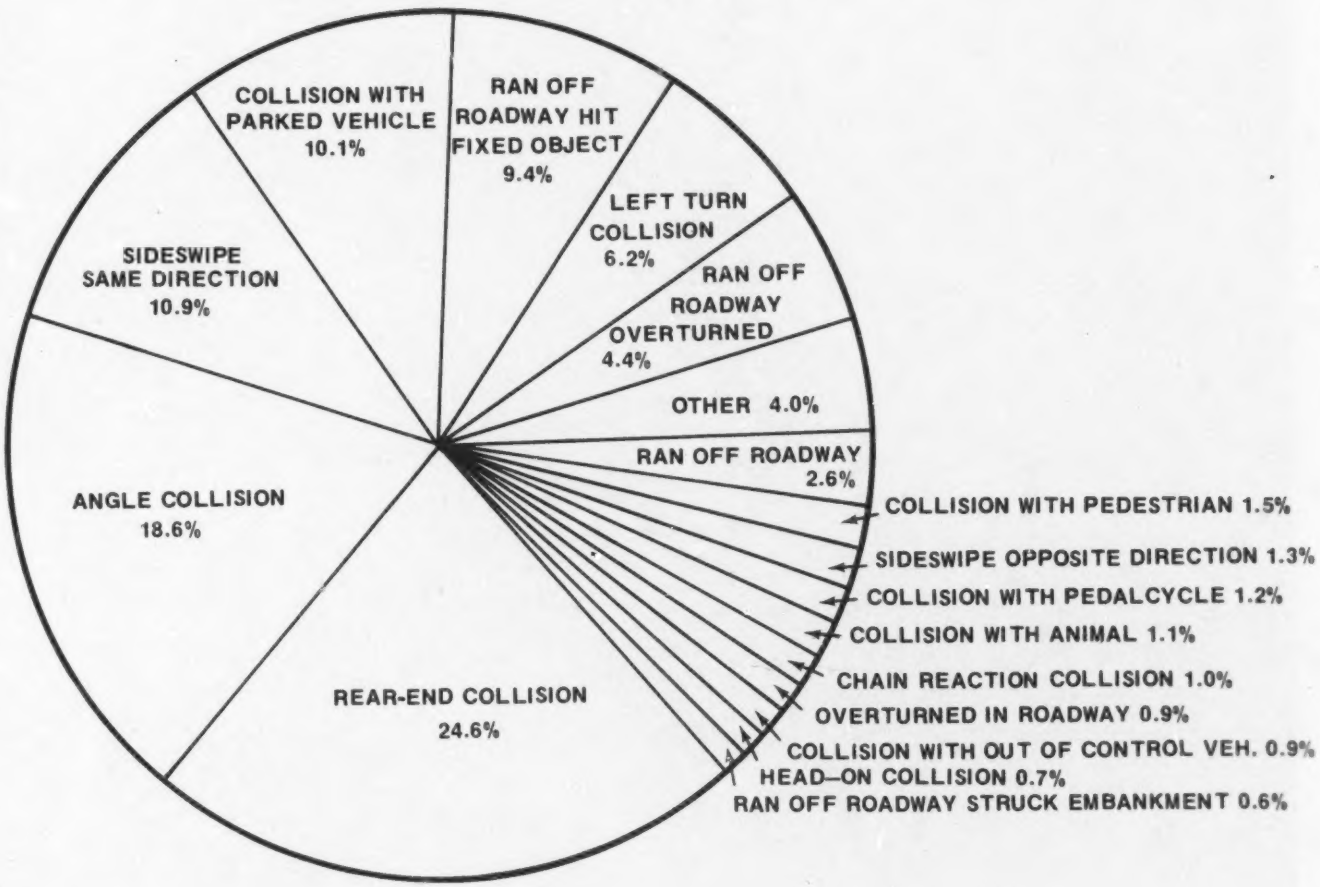
ABLE COPY


NUMBER AND PERCENTAGE OF ACCIDENTS BY DISTRICT
OREGON
IDAHO
CALIFORNIA
UTAH
ARIZONA
HUMBOLDT
WINNEMUCCA
3
ELKO
ELKO
1,348
4.3%
WASHOE
PERSHING
BATTLE MOUNTAIN
10,043
32.2%
2
LOVELOCK
LANDER
EUREKA
EUREKA
RENO
CHURCHILL
FALLON
WHITE PINE
ELY
VIRGINIA CITY
LYON
CARSON CITY
MINDEN
YERINGTON
HAWTHORNE
MINERAL
DOUGLAS
CARSON CITY
STOREY
TONOPAH
NYE
PIOCHE
ESMERALDA
GOLDFIELD
LINCOLN
1
19,806
63.5%
CLARK
LAS VEGAS
AREA OF COUNTIES
IN SQUARE MILES
Carson City 153
Churchill 4,913
Clark 8,084
Douglas 751
Elko 17,181
Esmeralda 3,570
Eureka 4,182
Humboldt 9,704
Lander 5,621
Lincoln 10,650
Lyon 2,024
Mineral 3,837
Nye 18,064
Pershing 6,031
Storey 262
Washoe 6,608
White Pine 8,305
LEGEND
NUMBER OF ACCIDENTS
PERCENTAGE OF STATEWIDE TOTAL
HIGHWAY ENGINEERING DISTRICTS
ENGINEERING DISTRICTS 1 AND 2 CONTAIN THE MAIN URBAN AREAS OF THE STATE ALONG WITH THE STATE CAPITOL, AND ACCOUNTED FOR 95.7% OF THE ACCIDENTS
PREPARED BY
NEVADA DEPARTMENT OF TRANSPORTATION

1982 STATEWIDE TRAFFIC ACCIDENTS

PERCENTAGE OF ACCIDENTS BY TYPE

31,197 TOTAL ACCIDENTS


COLLISION WITH PARKED VEHICLE 10.1%
RAN OFF ROADWAY HIT FIXED OBJECT 9.4%
LEFT TURN COLLISION 6.2%
RAN OFF ROADWAY OVERTURNED 4.4%
OTHER 4.0%
RAN OFF ROADWAY 2.6%
COLLISION WITH PEDESTRIAN 1.5%
SIDESWIPE OPPOSITE DIRECTION 1.3%
COLLISION WITH PEDALCYCLE 1.2%
COLLISION WITH ANIMAL 1.1%
CHAIN REACTION COLLISION 1.0%
OVERTURNED IN ROADWAY 0.9%
COLLISION WITH OUT OF CONTROL VEH. 0.9%
HEAD–ON COLLISION 0.7%
RAN OFF ROADWAY STRUCK EMBANKMENT 0.6%
SIDESWIPE SAME DIRECTION 10.9%
ANGLE COLLISION 18.6%
REAR-END COLLISION 24.6%

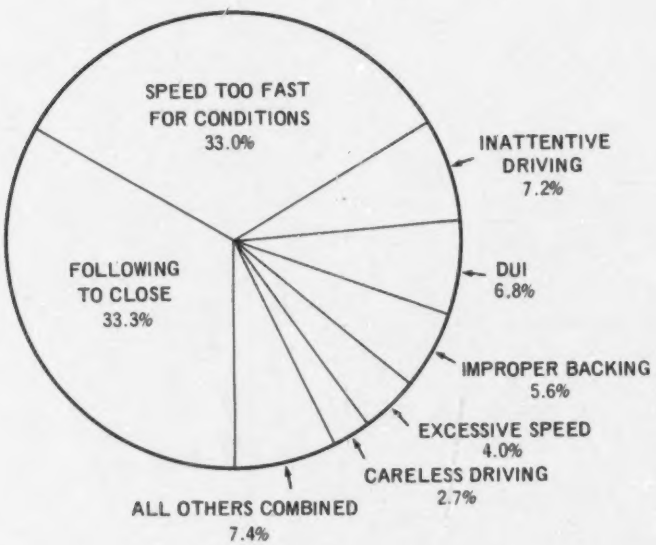
AS REFLECTED BY THIS GRAPH A LARGER NUMBER OF ACCIDENTS WHICH OCCURRED IN NEVADA DURING 1982 WERE THE TYPE THAT USUALLY HAPPEN AT INTERSECTIONS (REAR-END COLLISIONS, ANGLE COLLISIONS, AND LEFT TURN COLLISIONS.

1982 STATEWIDE TRAFFIC ACCIDENTS

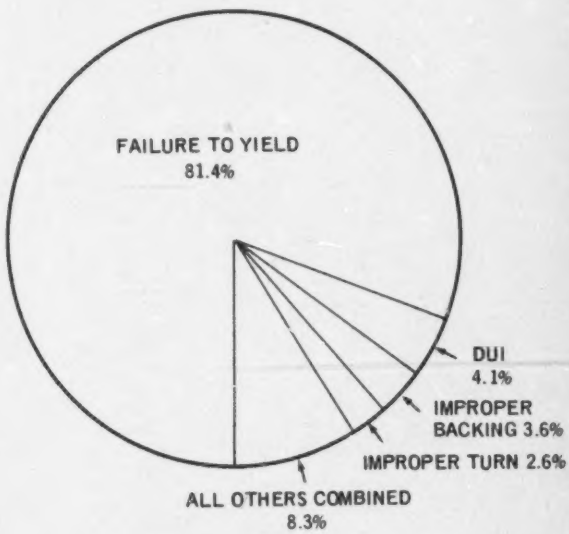
TYPES OF ACCIDENTS BY CONTRIBUTING FACTORS

AS REFLECTED BY THE PREVIOUS GRAPH, THERE WERE 7 MAJOR TYPES OF ACCIDENTS. BELOW ARE THESE 7 TYPES OF ACCIDENTS AS CORRELATED WITH THEIR MAJOR CONTRIBUTING FACTORS.

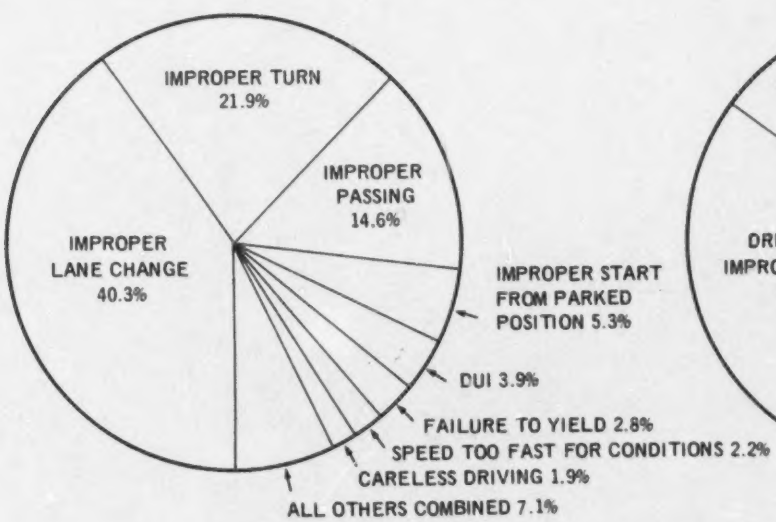
1. REAR END COLLISION – 7,684 ACC.



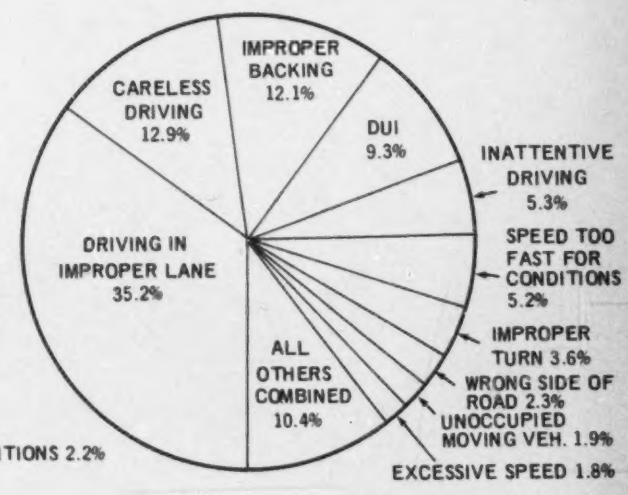
2. ANGLE COLLISION – 5,785 ACC.



3. SIDESWIPE SAME DIRECTION – 3,403 ACC.

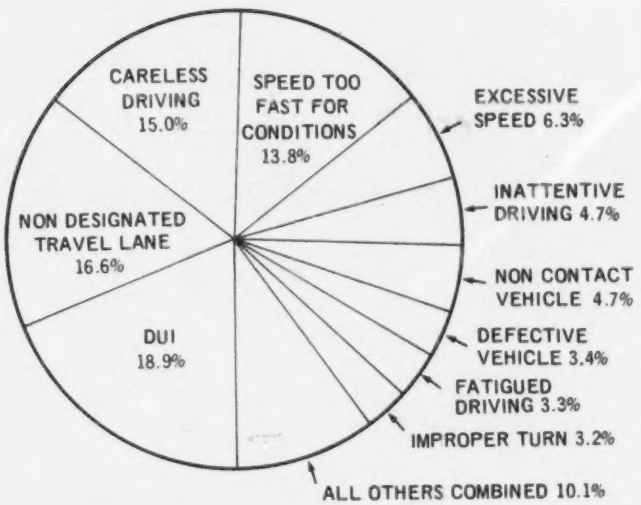


4. COLLISION WITH PARKED VEHICLE – 3,156 ACC.

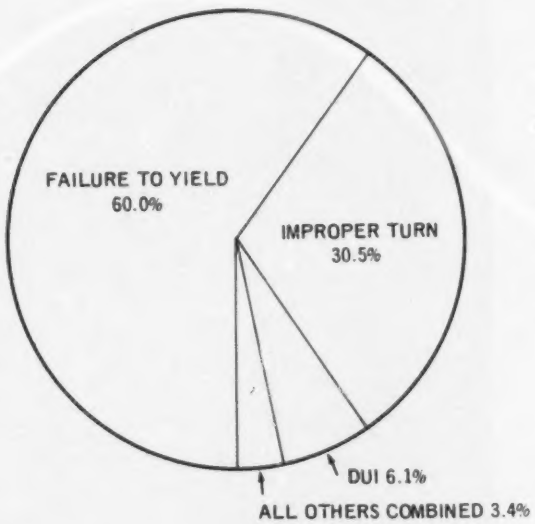


TYPES OF ACCIDENTS BY CONTRIBUTING FACTORS (Cont.)

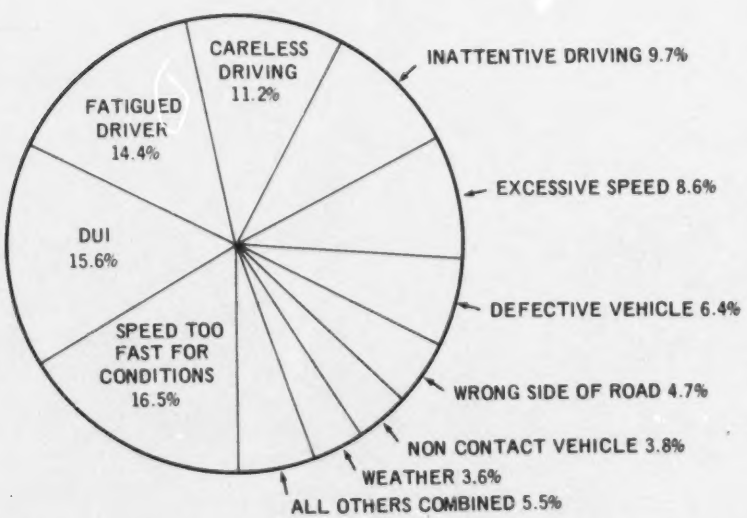
5. RAN OFF ROADWAY STRUCK FIXED OBJECT 2,933 ACC.



6. LEFT TURN COLLISION 1,932 ACC.



7. RAN OFF ROADWAY OVERTURNED 1,372 ACC.

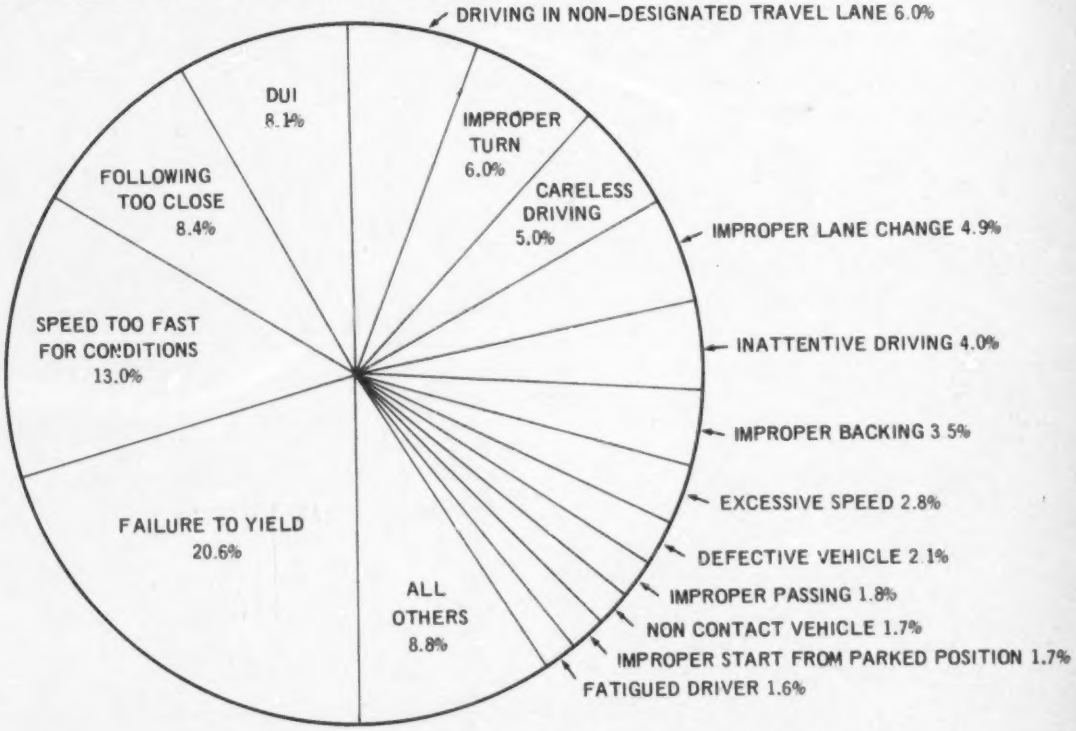


1982 STATEWIDE TRAFFIC ACCIDENTS

MAJOR CONTRIBUTING FACTORS IN 1982 STATEWIDE TRAFFIC ACCIDENTS

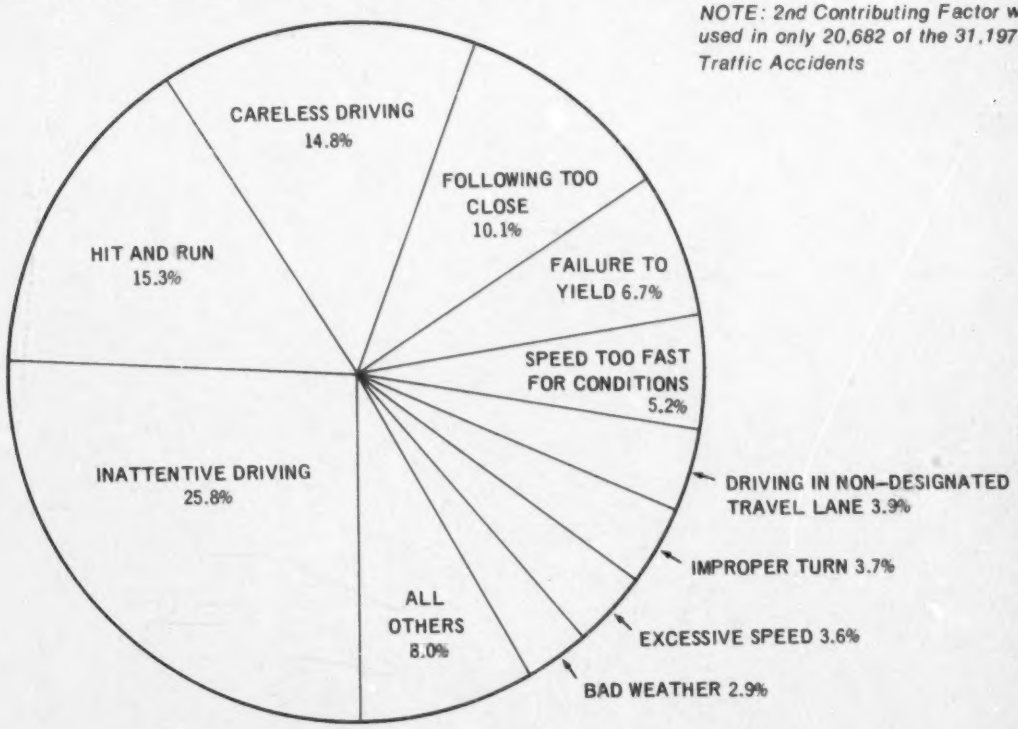
31,197 TOTAL ACCIDENTS

1st CONTRIBUTING FACTORS IN 1982 STATEWIDE TRAFFIC ACCIDENTS



2nd CONTRIBUTING FACTOR IN 1982 STATEWIDE TRAFFIC ACCIDENTS

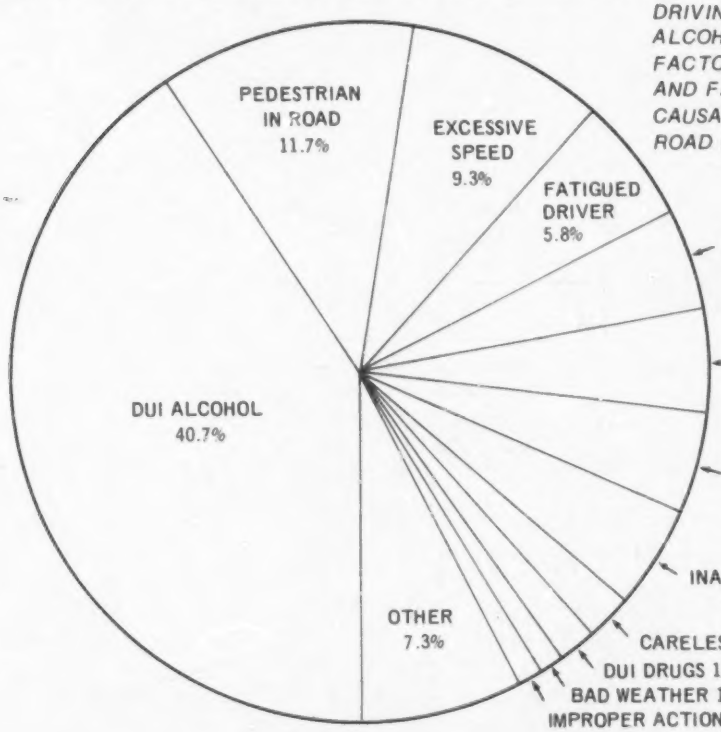
NOTE: 2nd Contributing Factor was used in only 20,682 of the 31,197 Traffic Accidents



MAJOR CONTRIBUTING FACTORS IN 1982 FATAL TRAFFIC ACCIDENTS

PRIMARY CONTRIBUTING FACTOR IN 1982 FATAL TRAFFIC ACCIDENTS

DRIVING UNDER THE INFLUENCE OF ALCOHOL WAS THE PRIMARY CAUSATIVE FACTOR IN FATAL TRAFFIC ACCIDENTS AND FAR OUTDISTANCED THE 2nd LEADING CAUSATIVE FACTOR, PEDESTRIAN IN ROAD BY A 3.5 TO 1 MARGIN



FAILURE TO YIELD 4.8%

WRONG SIDE OF ROAD 4.8%

NON–DESIGNATED TRAVEL LANE 4.8%

INATTENTIVE DRIVING 4.8%

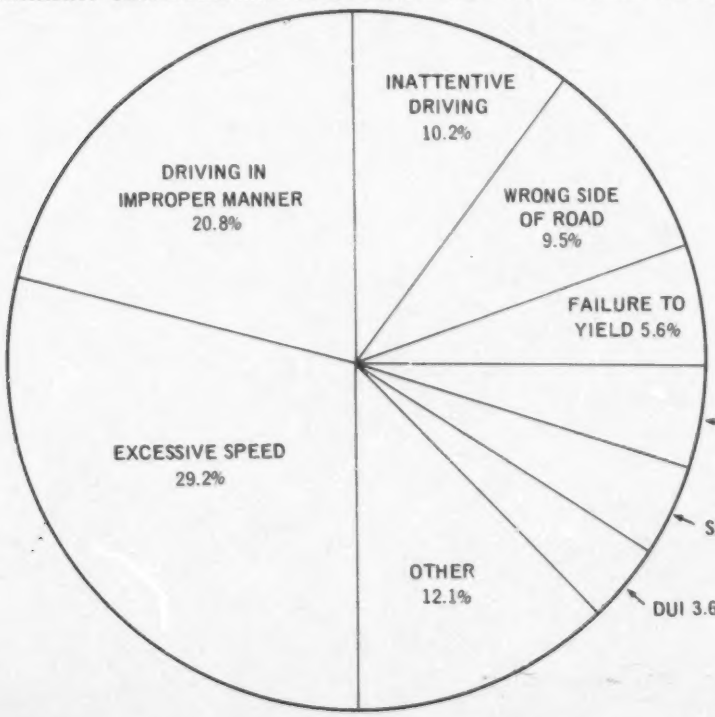
CARELESS DRIVING 2.0%

DUI DRUGS 1.6%

BAD WEATHER 1.2%

IMPROPER ACTION ON PEDALCYCLE 1.2%

*SECONDARY CONTRIBUTING FACTOR IN 1982 FATAL TRAFFIC ACCIDENTS



NON–DESIGNATED TRAVEL LANE 4.8%

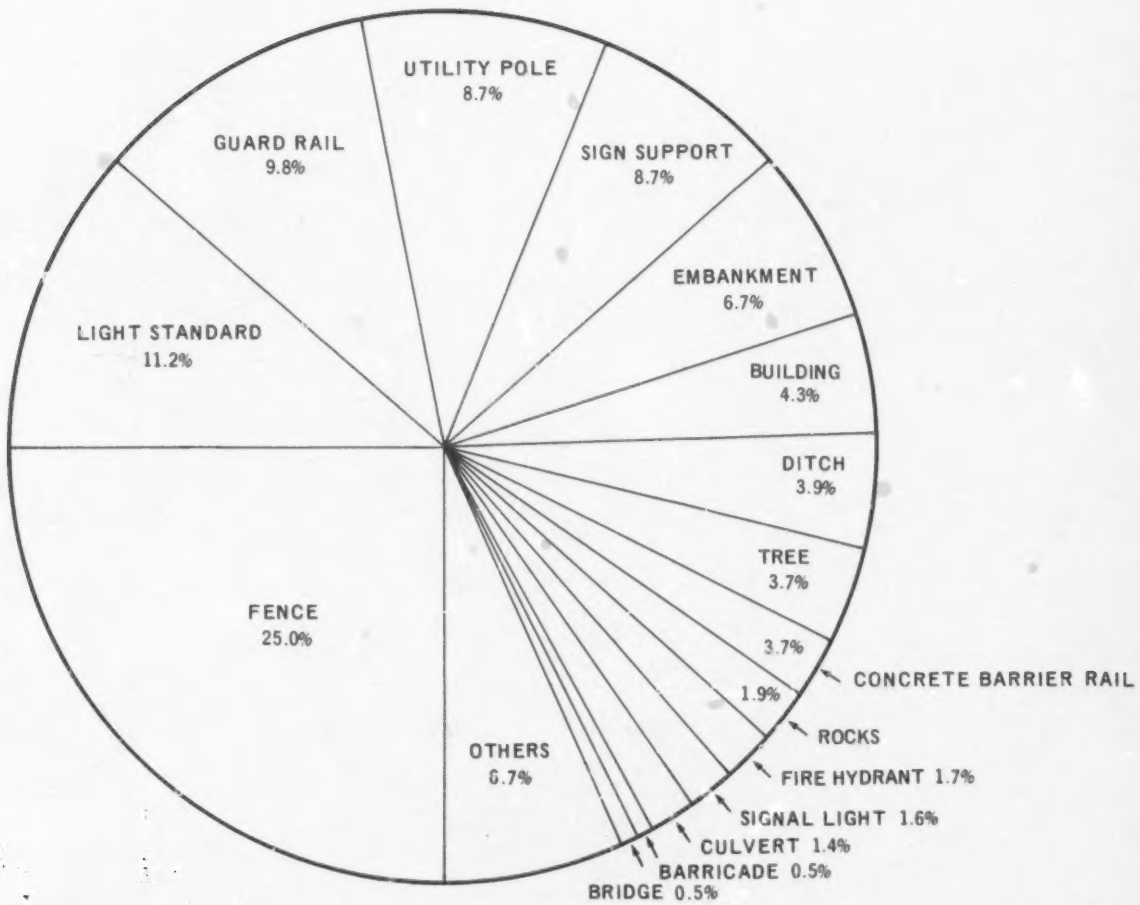
SPEED TOO FAST FOR CONDITIONS 4.2%

DUI 3.6%

** SECONDARY CONTRIBUTING FACTORS WERE NOT CODED IN ALL FATAL ACCIDENTS*

1982 STATEWIDE TRAFFIC ACCIDENTS

ACCIDENTS INVOLVING FIXED OBJECT *



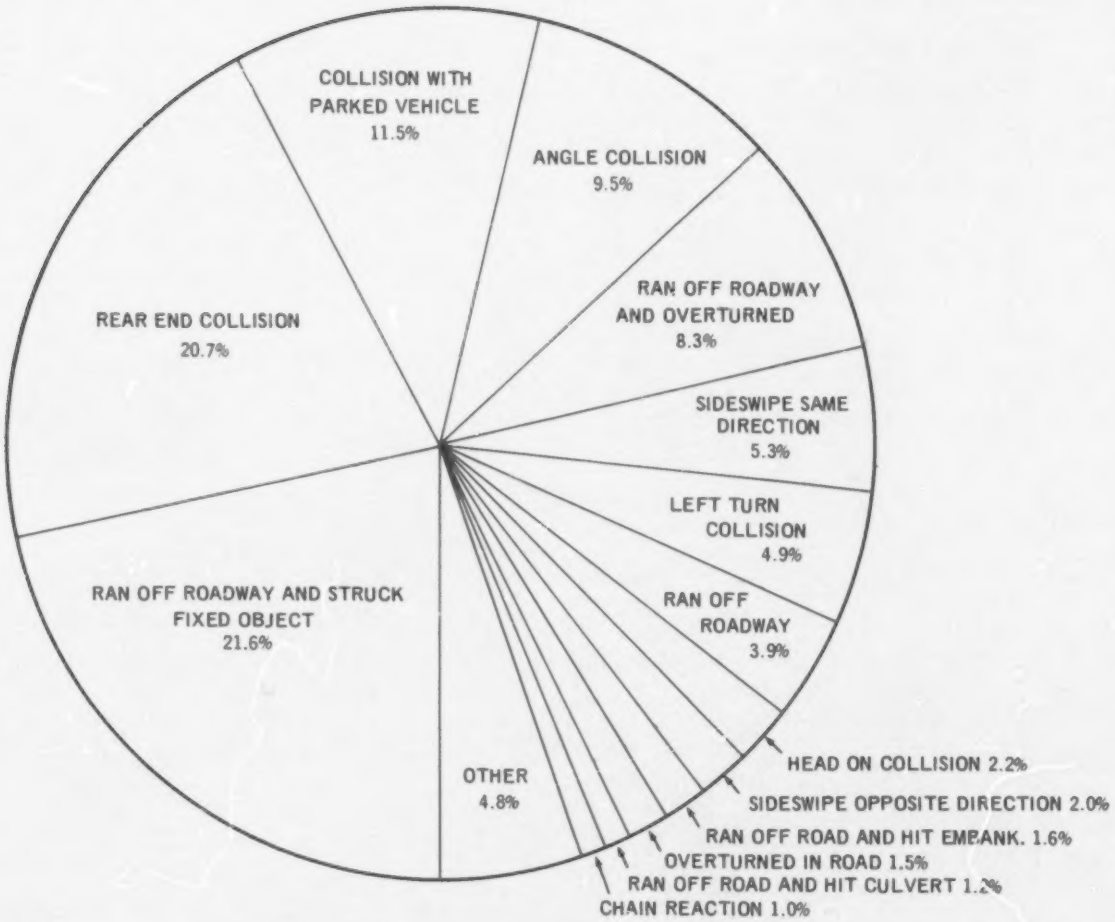
DURING 1981 THE MOST FREQUENTLY STRUCK FIXED OBJECTS ALONG NEVADA'S HIGHWAYS WERE FENCES WHICH ACCOUNTED FOR 25% OF THE ACCIDENTS INVOLVING FIXED OBJECTS.

*** NOTE: 12.6% OF ALL ACCIDENTS INVOLVED A FIXED OBJECT**

TOTAL – 31,197 ACCIDENTS
FIXED OBJECT – 3,928 ACCIDENTS

1982 STATEWIDE TRAFFIC ACCIDENTS

DRIVING UNDER THE INFLUENCE OF ALCOHOL AS RELATED TO TYPE OF ACCIDENT

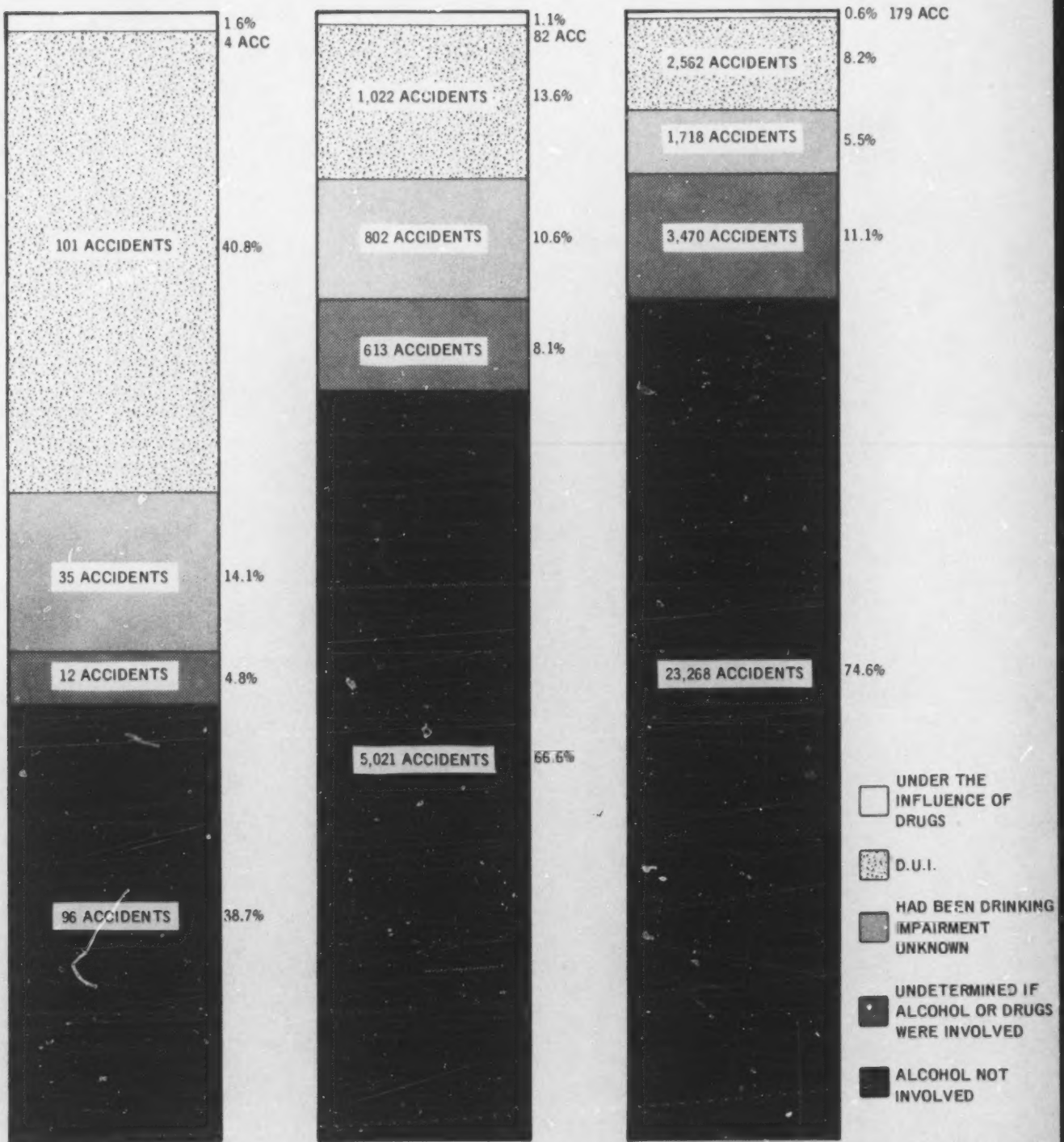

COLLISION WITH PARKED VEHICLE 11.5%
ANGLE COLLISION 9.5%
RAN OFF ROADWAY AND OVERTURNED 8.3%
SIDESWIPE SAME DIRECTION 5.3%
LEFT TURN COLLISION 4.9%
RAN OFF ROADWAY 3.9%
HEAD ON COLLISION 2.2%
SIDESWIPE OPPOSITE DIRECTION 2.0%
RAN OFF ROAD AND HIT EMBANK. 1.6%
OVERTURNED IN ROAD 1.5%
RAN OFF ROAD AND HIT CULVERT 1.2%
CHAIN REACTION 1.0%
OTHER 4.8%
RAN OFF ROADWAY AND STRUCK FIXED OBJECT 21.6%
REAR END COLLISION 20.7%

TOTAL D.U.I. ACCIDENTS – 2,562

1982 STATEWIDE TRAFFIC ACCIDENTS

PERCENTAGE OF ALCOHOL INVOLVEMENT

Alcohol was involved in 54.8% of Fatal Accidents, 24.2% of Injury Accidents and 13.7% of Total Accidents



248 FATAL TRAFFIC ACCIDENTS

7,540 INJURY TRAFFIC ACCIDENTS

31,197 TOTAL TRAFFIC ACCIDENTS

1982 STATEWIDE TRAFFIC ACCIDENTS

ACCIDENT TYPE BY SEVERITY

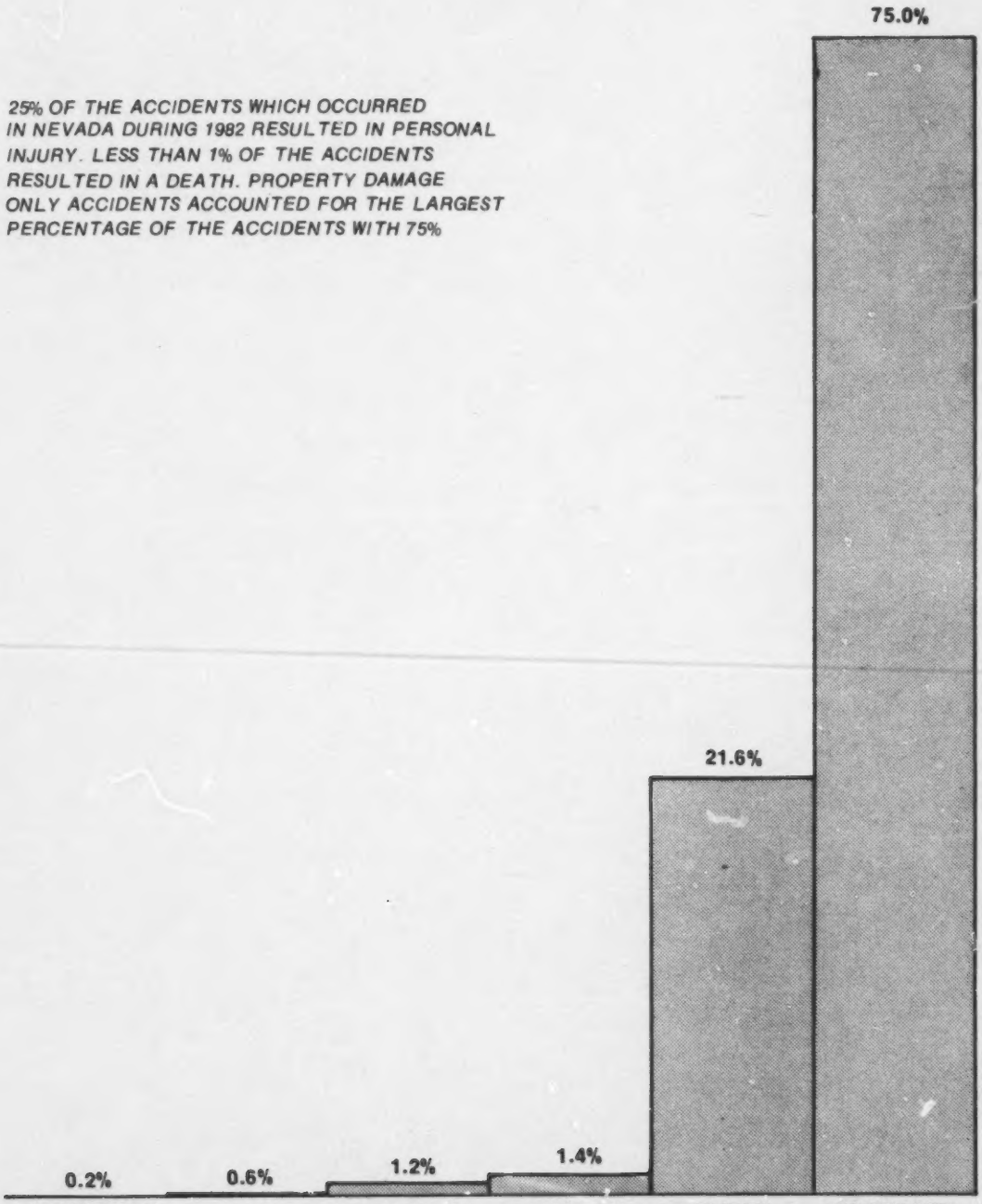
TYPE OF ACCIDENT	PROPERTY DAMAGE ONLY ACCIDENT	INJURY ONLY ACCIDENT	FATAL ACCIDENT	TOTAL ACCIDENTS	NO. OF INJURIES	NO. OF FATALITIES
ANGLE COLLISION	4,454	1,320	11	5,785	2,129	11
REAR END COLLISION	6,065	1,611	8	7,684	2,574	8
LEFT TURN COLLISION	1,369	555	8	1,932	938	9
RIGHT TURN COLLISION	148	29	1	178	42	1
HEAD ON COLLISION	88	102	23	213	262	35
SIDESWIPE -SAME DIRECTION	3,074	325	4	3,403	438	6
SIDESWIPE–OPPOSITE DIRECTION	283	104	4	391	189	4
PARKED VEHICLE COLLISION	2,861	290	5	3,156	378	5
COLLISION WITH OUT OF CONTROL VEH.	208	61	6	275	119	7
COLLISION WITH PROTRUDING PART OF VEH.	63	7	0	70	8	0
CHAIN REACTION COLLISION	171	141	5	317	294	5
OTHER TYPE COLLISION	27	6	0	33	6	0
STRUCK ANIMAL	304	39	0	343	52	0
STRUCK PEDALCYCLE	3	365	8	376	392	8
STRUCK OBJECT IN ROADWAY	178	14	0	192	17	0
STRUCK PEDESTRIAN	1	424	45	470	497	45
COLLISION WITH TRAIN	3	0	1	4	0	4
STRUCK OTHER NON MOTOR VEH.	83	9	0	92	9	0
OVERTURNED IN ROADWAY	76	196	9	281	243	9
RAN OFF ROADWAY	650	171	0	821	231	0
RAN OFF ROAD AND OVERTURNED	546	753	73	1,372	1,208	80
RAN OFF ROAD STRUCK FIXED OBJECT	2,154	761	18	2,933	1,005	18
RAN OFF ROAD–STRUCK CULVERT OR ABUTMENT	105	54	0	159	69	0
RAN OFF ROAD–STRUCK EMBANKMENT	104	94	3	201	136	3
RAN OFF ROAD–OTHER COMBINATIONS	36	54	7	97	76	13
VEHICLE ON FIRE	156	3	0	159	4	0
RAN OFF ROAD AT R.R. CROSSING	4	0	0	4	0	0
OTHER–NON COLLISION	80	4	0	84	4	0
COLLISION WITH PARKED VEHICLE OFF ROADWAY	30	4	1	35	4	1
JACK–KNIFE IN ROADWAY	41	7	0	48	8	0
RAN OFF ROAD INTO RIVER	1	2	0	3	2	0
RAN OFF ROAD DOWN EMBANKMENT OR CLIFF	43	35	8	86	55	8
TOTALS	**23,409**	**7,540**	**248**	**31,197**	**11,389**	**280**

1982 STATEWIDE TRAFFIC ACCIDENTS

SEVERITY RATING

(31,197 TOTAL ACCIDENTS)

25% OF THE ACCIDENTS WHICH OCCURRED IN NEVADA DURING 1982 RESULTED IN PERSONAL INJURY. LESS THAN 1% OF THE ACCIDENTS RESULTED IN A DEATH. PROPERTY DAMAGE ONLY ACCIDENTS ACCOUNTED FOR THE LARGEST PERCENTAGE OF THE ACCIDENTS WITH 75%

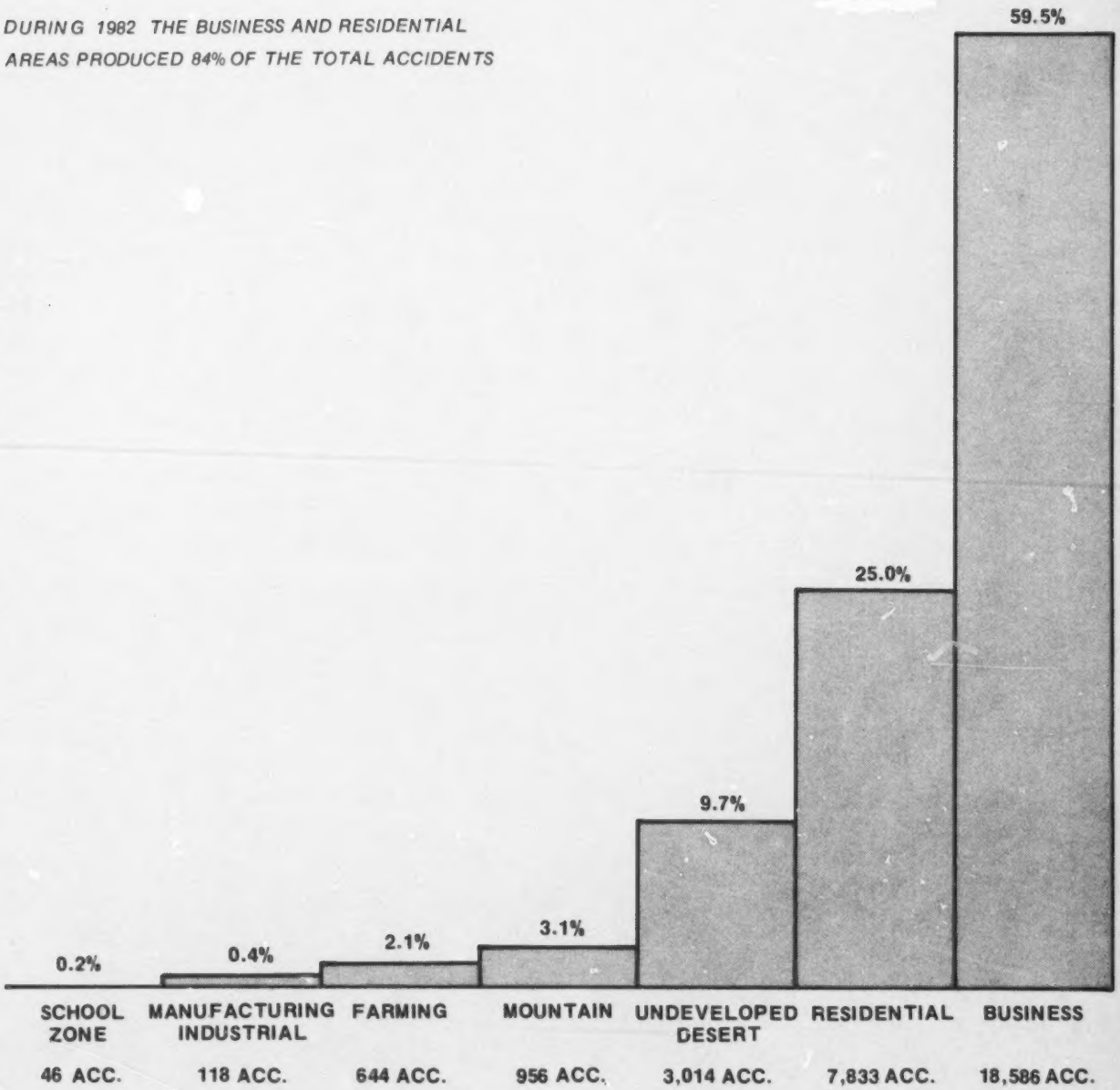


1982 STATEWIDE TRAFFIC ACCIDENTS

PERCENTAGE OF ACCIDENTS BY LOCALITY

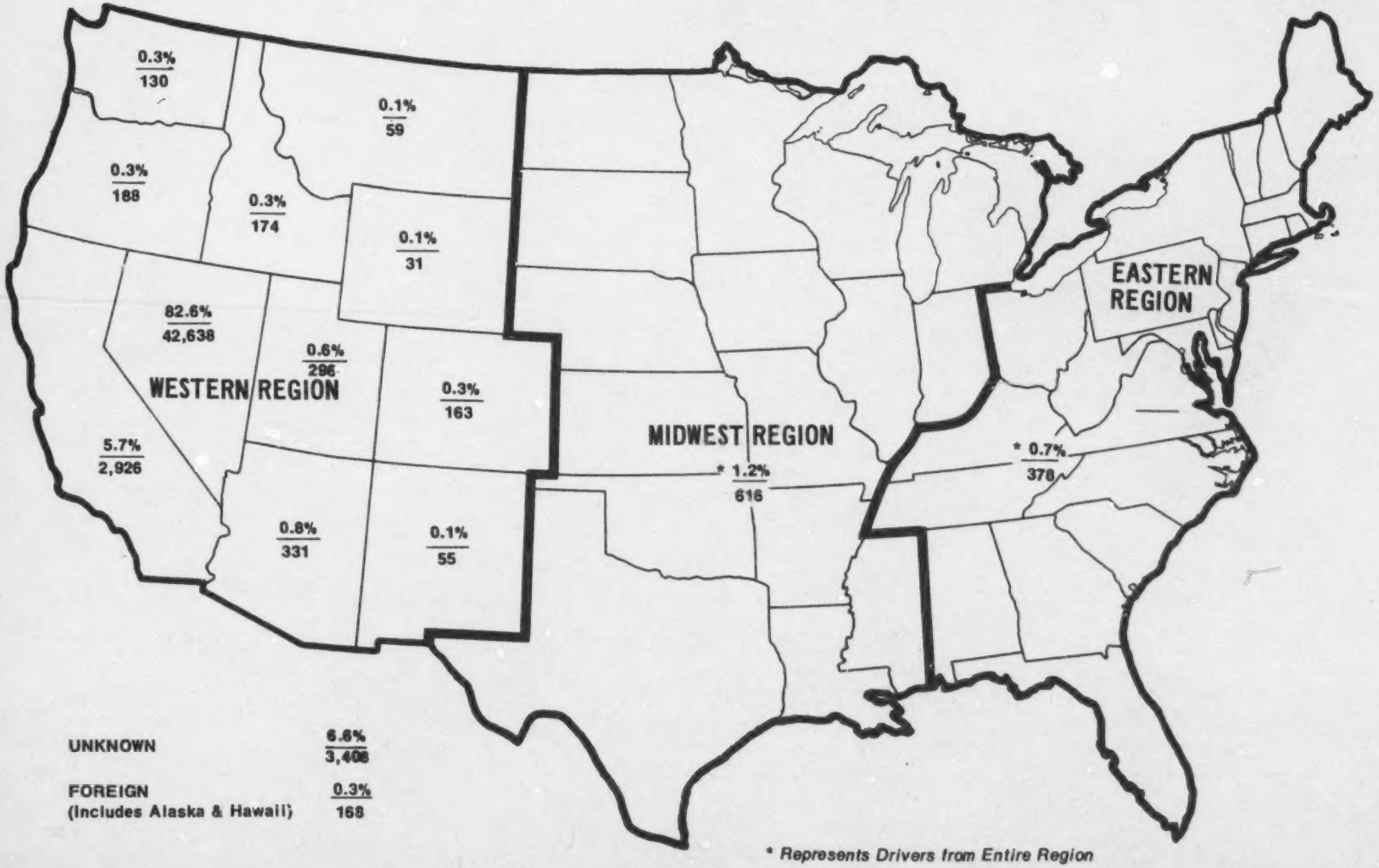
(31,197 TOTAL ACCIDENTS)

DURING 1982 THE BUSINESS AND RESIDENTIAL AREAS PRODUCED 84% OF THE TOTAL ACCIDENTS



DRIVER RESIDENCY MAP

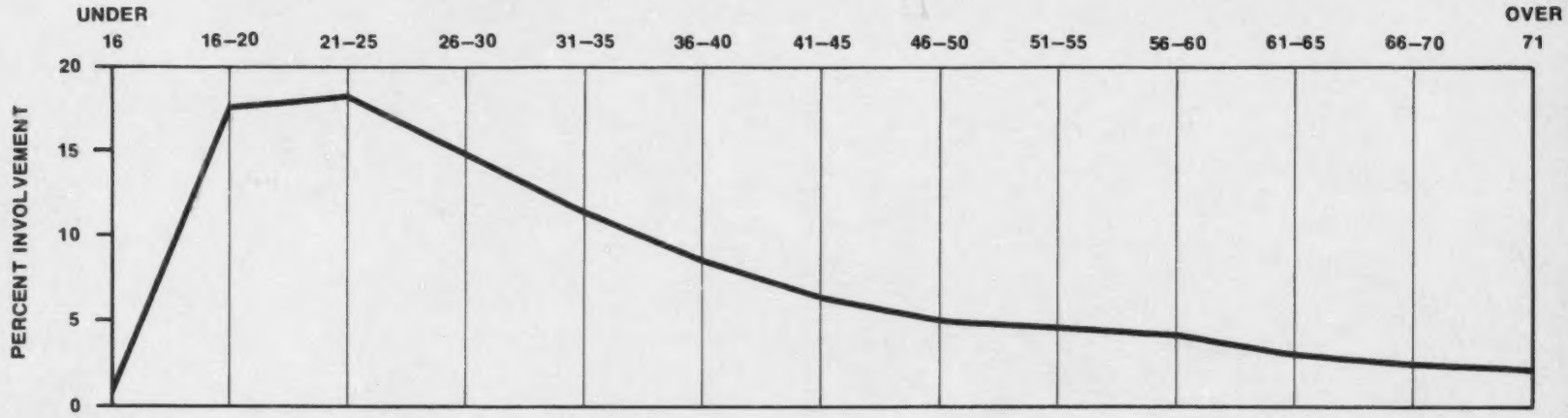
DURING 1982 THERE WERE 51,563 DRIVERS INVOLVED IN 31,197 TRAFFIC ACCIDENTS IN NEVADA. 82.6% OF THE DRIVERS INVOLVED WERE NEVADA RESIDENTS



UNKNOWN	6.6% / 3,406
FOREIGN (Includes Alaska & Hawaii)	0.3% / 168

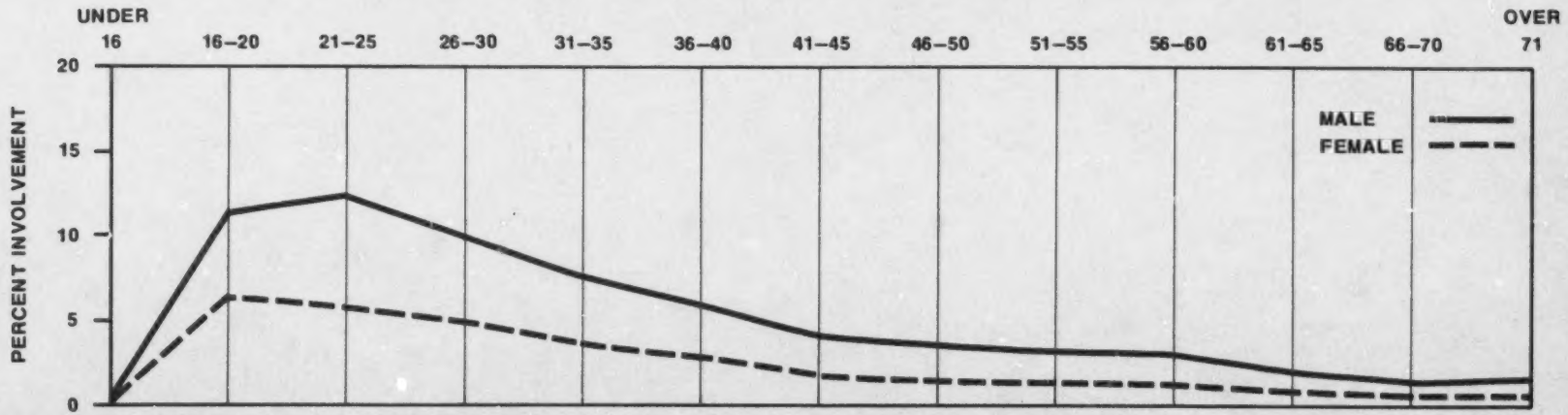
* *Represents Drivers from Entire Region*

PERCENTAGES OF DRIVERS INVOLVED IN TRAFFIC ACCIDENTS BY AGE GROUP



PERCENTAGES BASED UPON 47,115 DRIVERS WITH KNOWN SEX AND AGE.
THERE ARE 4,448 CASES IN WHICH THE SEX AND/OR THE AGE OF THE DRIVER WERE NOT KNOWN

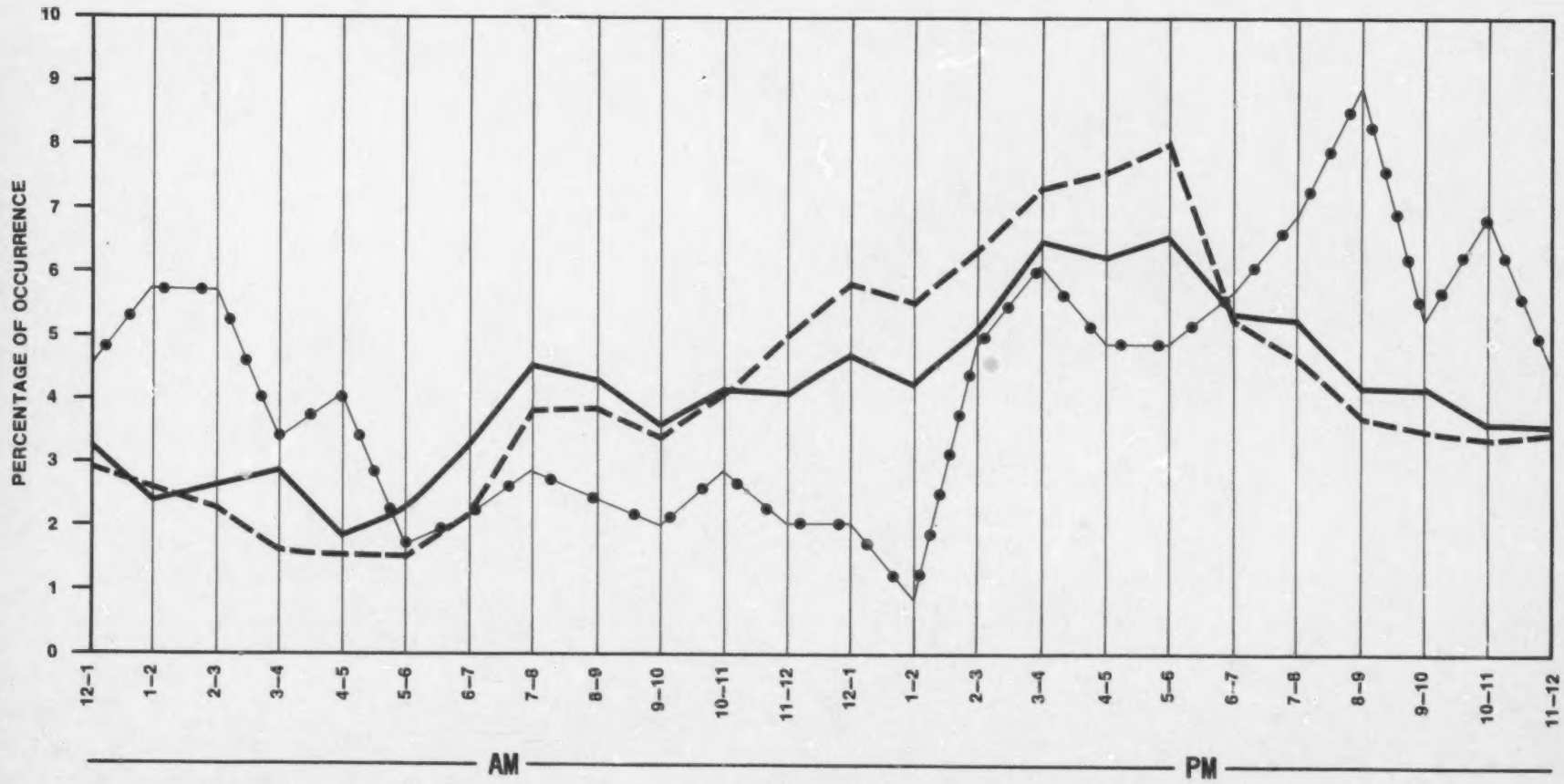
PERCENTAGES OF DRIVERS INVOLVED IN TRAFFIC ACCIDENTS BY AGE GROUP AND SEX



THE AGE GROUP 21–25 REPRESENTS THE HIGHEST NUMBER OF ACCIDENTS FOR BOTH MALE AND OVERALL DRIVERS.

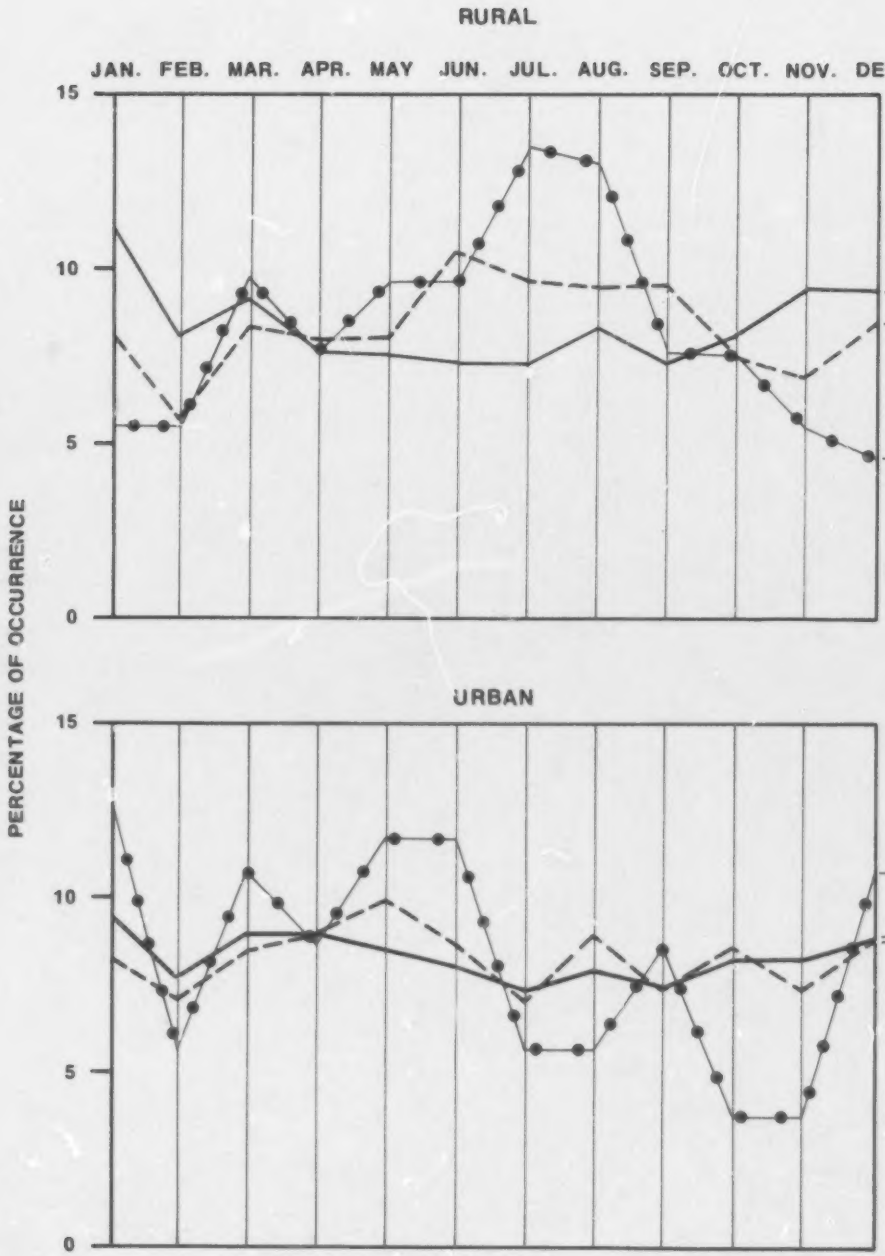
(Graphs do not reflect percentage of licenced drivers or vehicle miles of travel driven by Sex or Age Groups)

URBAN, RURAL, AND FATAL ACCIDENTS BY TIME OF DAY



URBAN AND RURAL ACCIDENTS OCCURRED MOST FREQUENTLY BETWEEN THE HOURS OF 5 P.M. TO 6 P.M. FATAL ACCIDENTS WERE WIDESPREAD WITH THE HIGHEST PERCENTAGES OCCURRING FROM 7–9 P.M. AND 10–11 P.M.

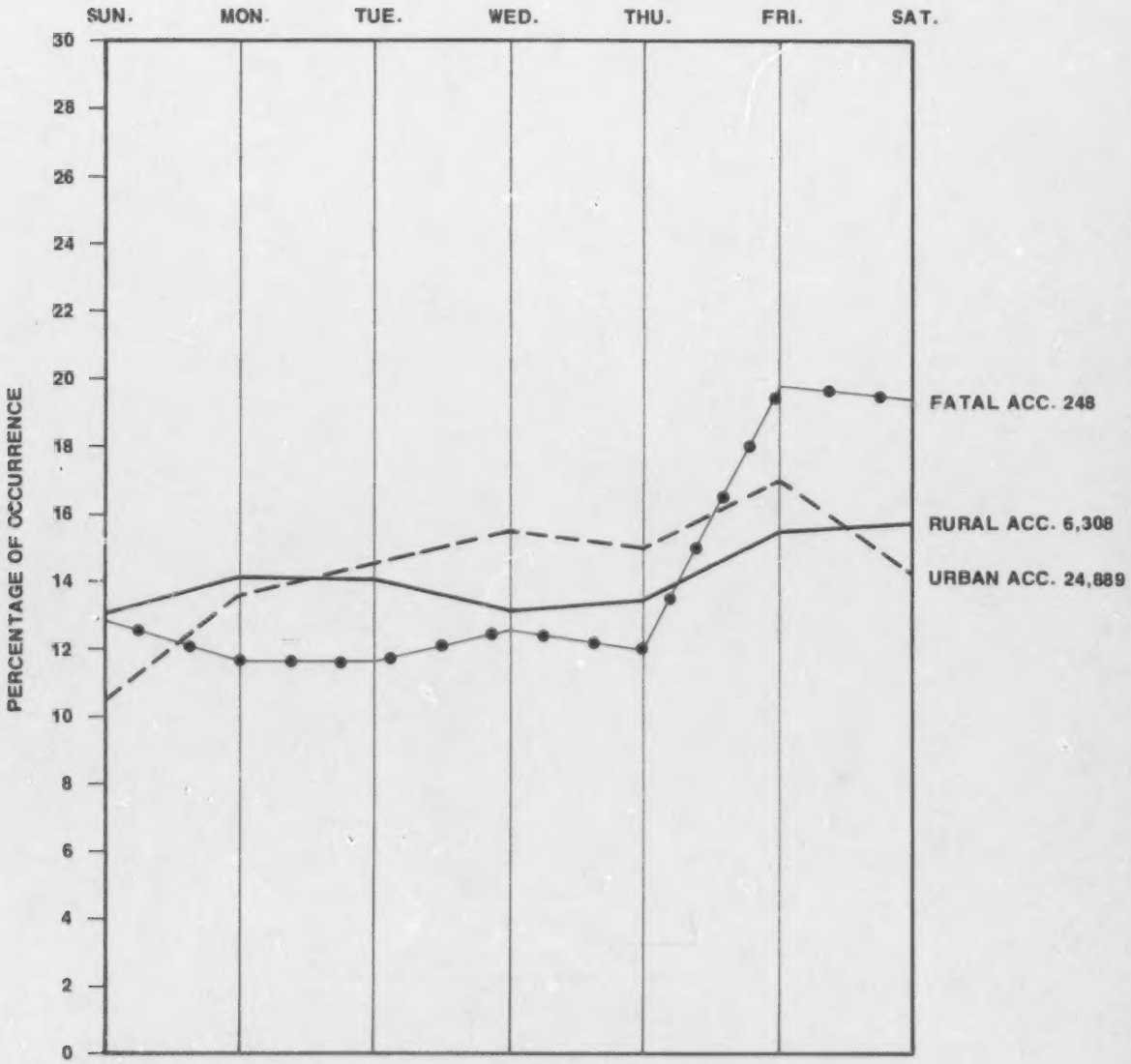
RURAL AND URBAN ACCIDENTS BY MONTH



JANUARY EXPERIENCED THE HIGHEST PERCENTAGE OF PROPERTY DAMAGE ACCIDENTS. JUNE HAD THE HIGHEST TOTAL OF INJURY ACCIDENTS, AND JULY HAD THE HIGHEST TOTAL FOR FATAL ACCIDENTS.

JANUARY EXPERIENCED THE HIGHEST TOTAL OF PROPERTY DAMAGE ACCIDENTS, MAY HAD THE HIGHEST TOTAL FOR INJURY ACCIDENTS, AND JANUARY HAD THE HIGHEST TOTAL FOR FATAL ACCIDENTS.

FATAL, URBAN, AND RURAL ACCIDENTS BY DAY OF WEEK



FRIDAY AND SATURDAY HAD THE HIGHEST OCCURRENCE OF FATAL AND RURAL ACCIDENTS WHILE FRIDAY AND WEDNESDAY HAD THE OCCURENCE OF URBAN ACCIDENTS.

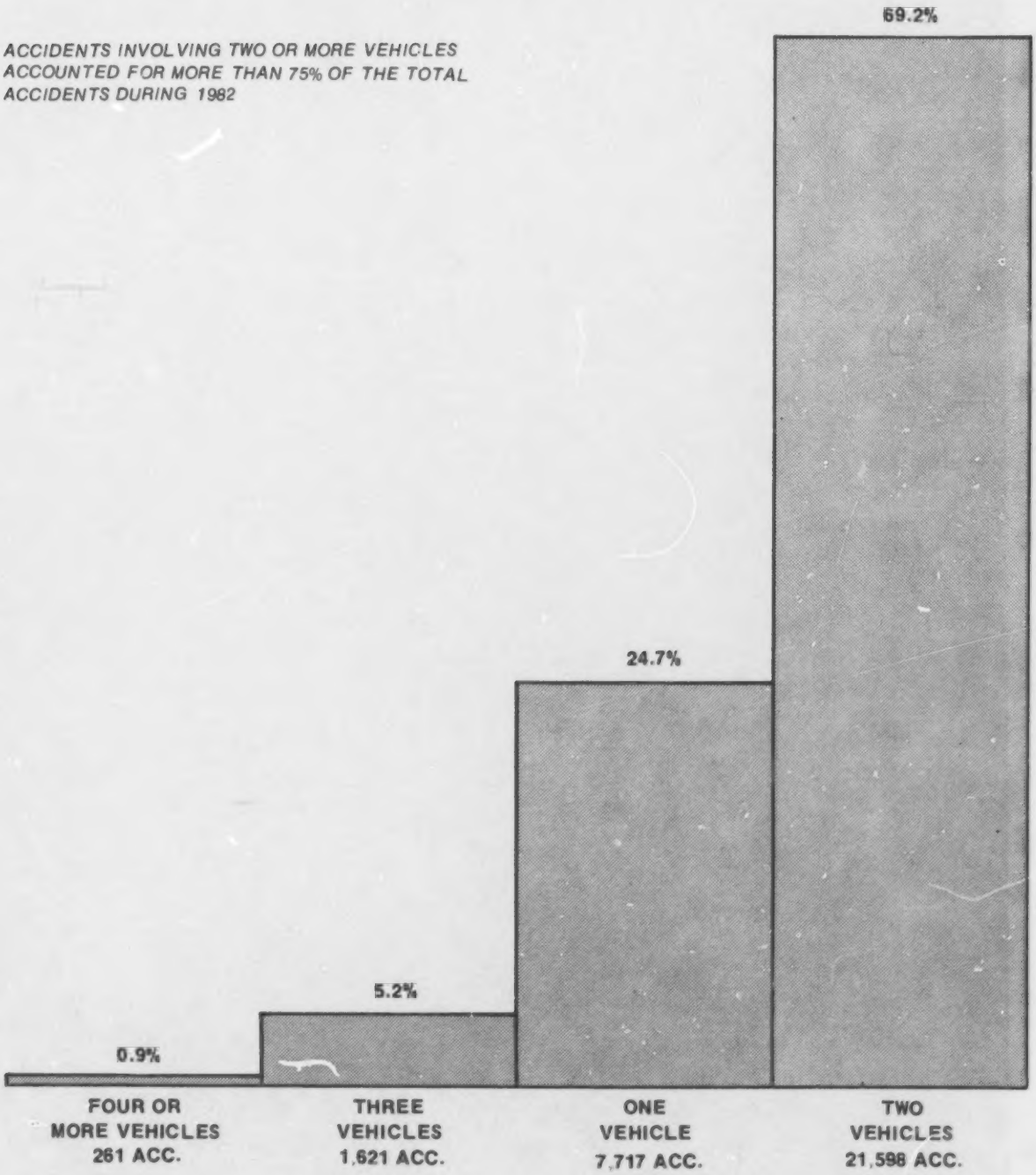
(Urban and Rural Totals include Fatal Accidents.)

1982 STATEWIDE TRAFFIC ACCIDENTS

NUMBER OF VEHICLES INVOLVED IN 1982 TRAFFIC ACCIDENTS

(31,197 Total Accidents)

ACCIDENTS INVOLVING TWO OR MORE VEHICLES ACCOUNTED FOR MORE THAN 75% OF THE TOTAL ACCIDENTS DURING 1982



1982 STATEWIDE TRAFFIC ACCIDENTS

VEHICLES INVOLVED IN ALL TRAFFIC ACCIDENTS BY TYPE

STANDARD PASSENGER CAR	34,995	64.0%
PICK–UP	8,523	15.6%
SMALL PASSENGER CAR	7,364	13.5%
MOTORCYCLES	1,074	2.0%
TRACTOR–1 TRAILER	684	1.3%
SINGLE UNIT TRUCK	527	1.0%
COMMERCIAL BUS	209	0.3%
MOTOR HOME	158	0.3%
PICK–UP TOWING TRAILER	126	0.2%
PASSENGER CAR TOWING TRAILER	103	0.2%
TRACTOR–2 TRAILERS	60	0.1%
SCHOOL BUS	57	0.1%
MOPED	49	0.08%
CONSTRUCTION VEHICLE	26	0.04%
LAW ENFORCEMENT VEHICLE	12	0.02%
FIRE VEHICLE	12	0.02%
TRACTOR–3 TRAILERS (Overlength)	8	0.01%
FARM VEHICLE	7	0.01%
TRACTOR–PULLING MOBILE HOME	5	0.01%
AMBULANCE	4	0.01%
OTHER–UNKNOWN	676	1.2%
TOTALS	**54,679**	**100.0%**

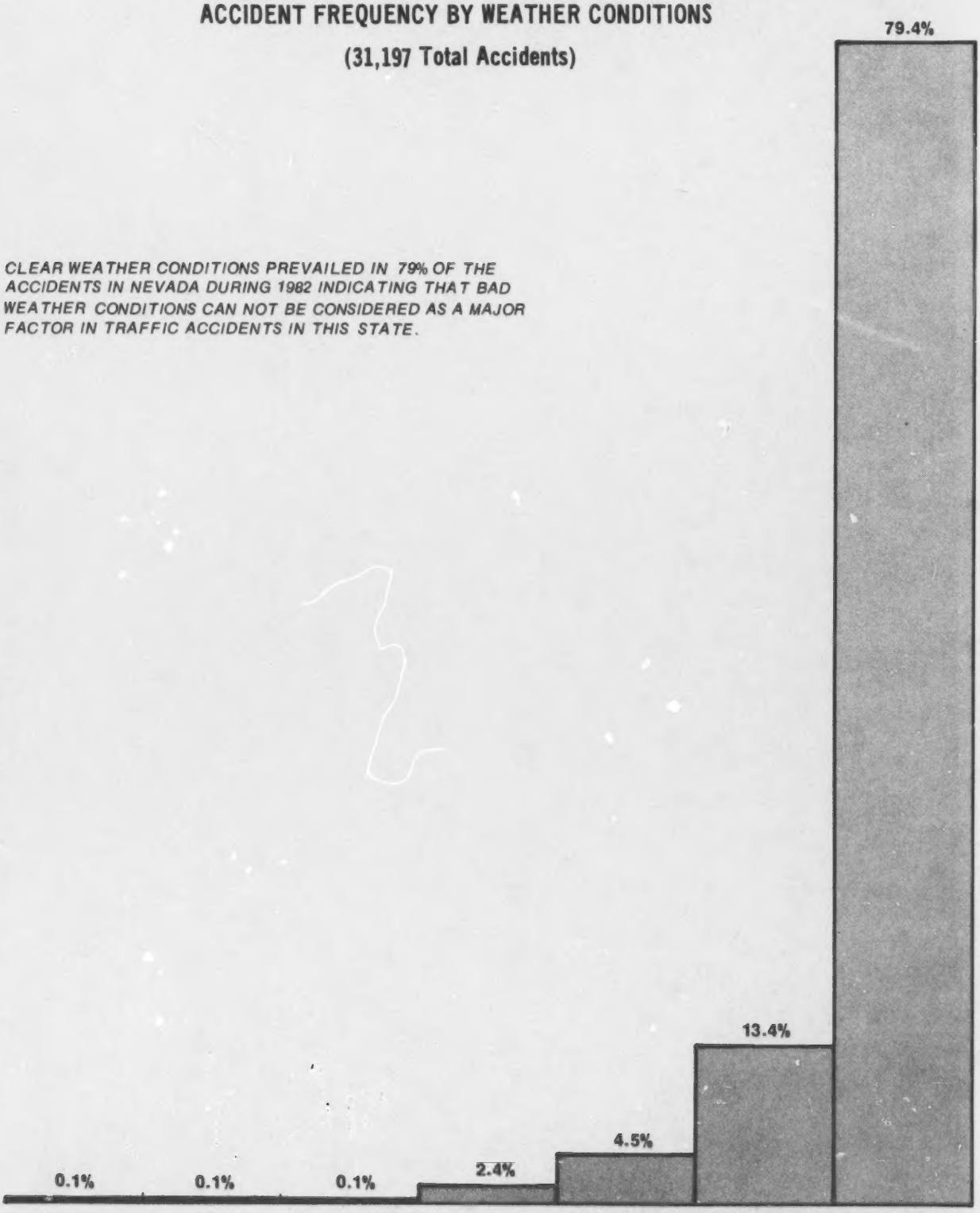
VEHICLES INVOLVED IN ALL FATAL TRAFFIC ACCIDENTS BY TYPE

STANDARD PASSENGER CAR	139	42.5%
SMALL PASSENGER CAR	85	26.0%
PICK–UP	53	16.2%
MOTORCYCLE	22	6.7%
TRACTOR–1 TRAILER	11	3.4%
SINGLE UNIT TRUCK	8	2.5%
MOTOR HOME	3	0.9%
COMMERCIAL BUS	1	0.3%
SCHOOL BUS	1	0.3%
CONSTRUCTION EQUIPMENT	1	0.3%
PICK–UP WITH TRAILER	1	0.3%
OTHER–UNKNOWN	2	0.6%
TOTALS	**327**	**100.0%**

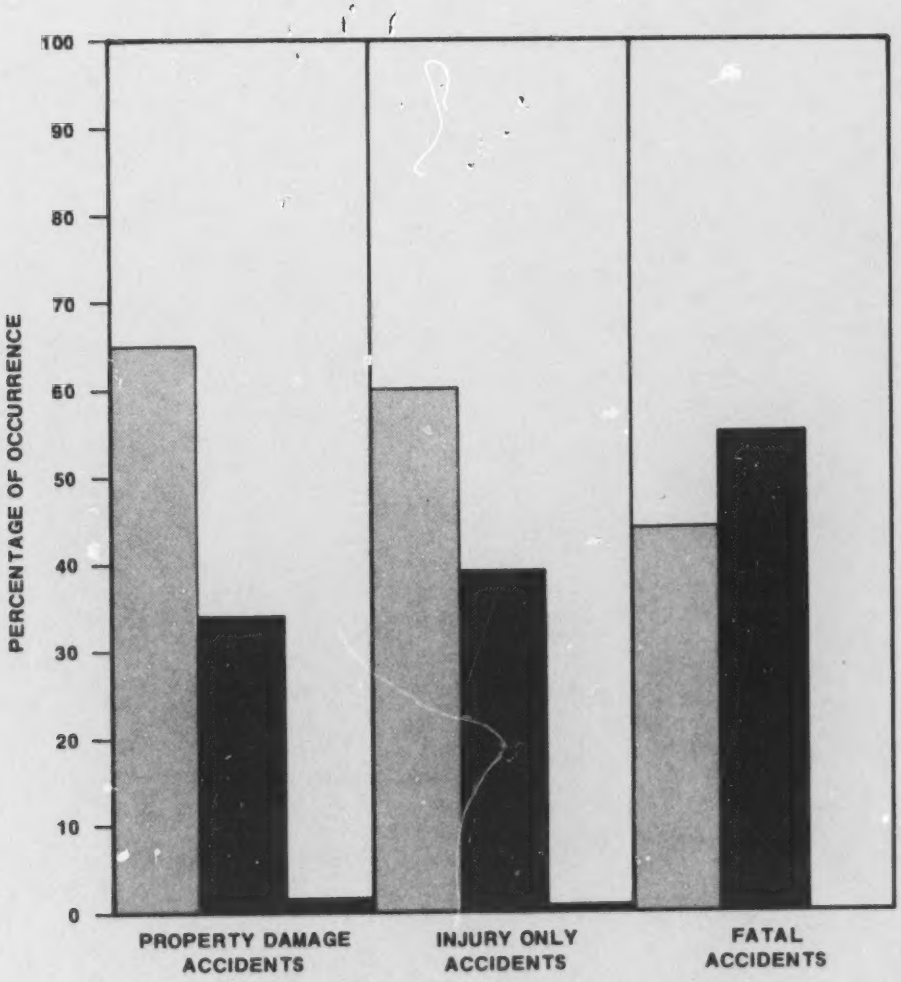
ACCIDENT FREQUENCY BY WEATHER CONDITIONS

(31,197 Total Accidents)

CLEAR WEATHER CONDITIONS PREVAILED IN 79% OF THE ACCIDENTS IN NEVADA DURING 1982 INDICATING THAT BAD WEATHER CONDITIONS CAN NOT BE CONSIDERED AS A MAJOR FACTOR IN TRAFFIC ACCIDENTS IN THIS STATE.



LIGHT CONDITION IN RESPECT TO PROPERTY DAMAGE, INJURY AND FATAL TRAFFIC ACCIDENTS



AS ILLUSTRATED BY THE GRAPH, PROPERTY DAMAGE ACCIDENTS AND INJURY ACCIDENTS OCCUR MORE FREQUENTLY DURING THE DAYLIGHT HOURS WHILE FATAL ACCIDENTS HAVE A HIGHER OCCURRENCE DURING THE NIGHTTIME HOURS (54.4%)

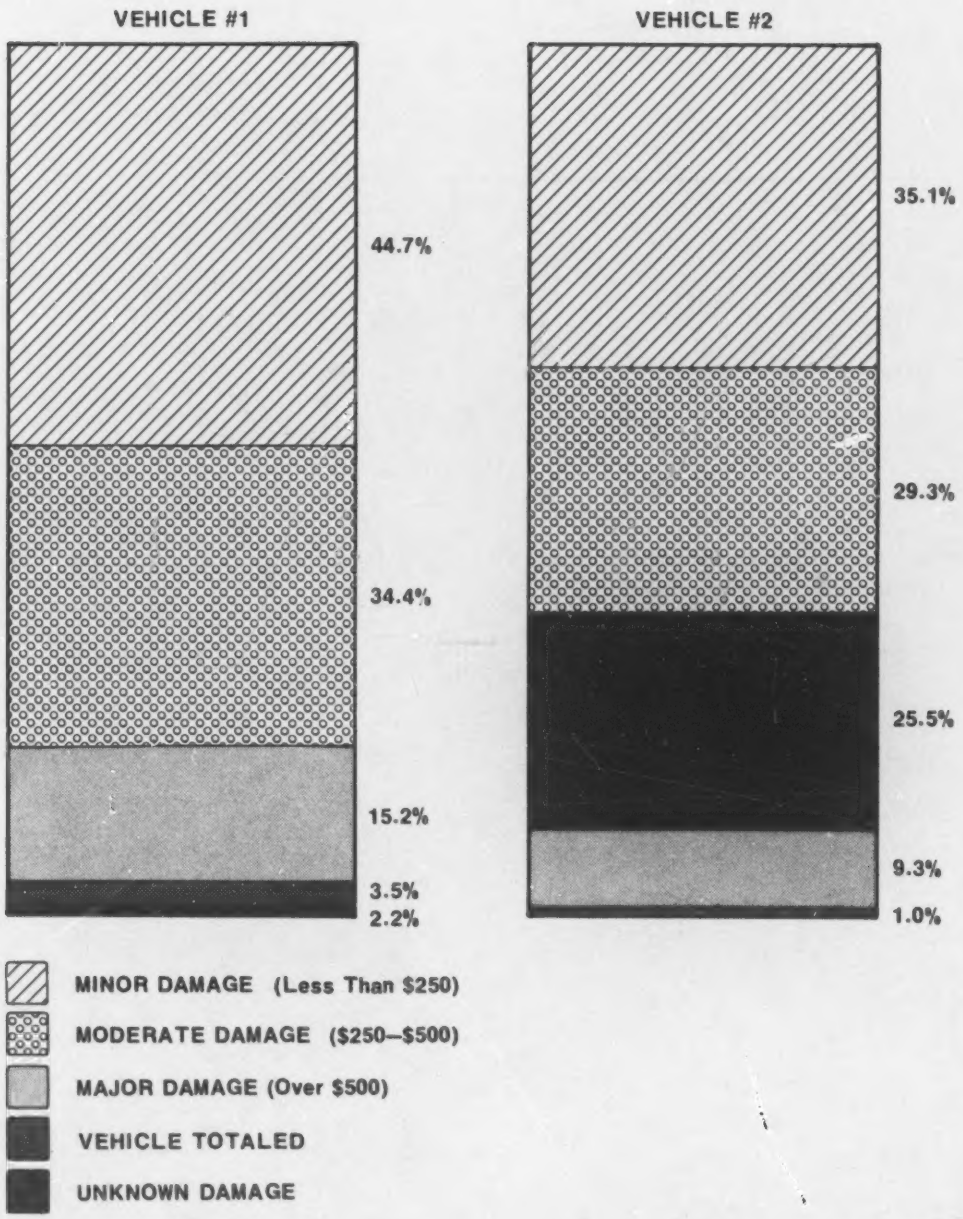
DAYTIME ACCIDENTS

NIGHTTIME ACCIDENTS

UNKNOWN

1982 STATEWIDE TRAFFIC ACCIDENTS

AMOUNT OF DAMAGE

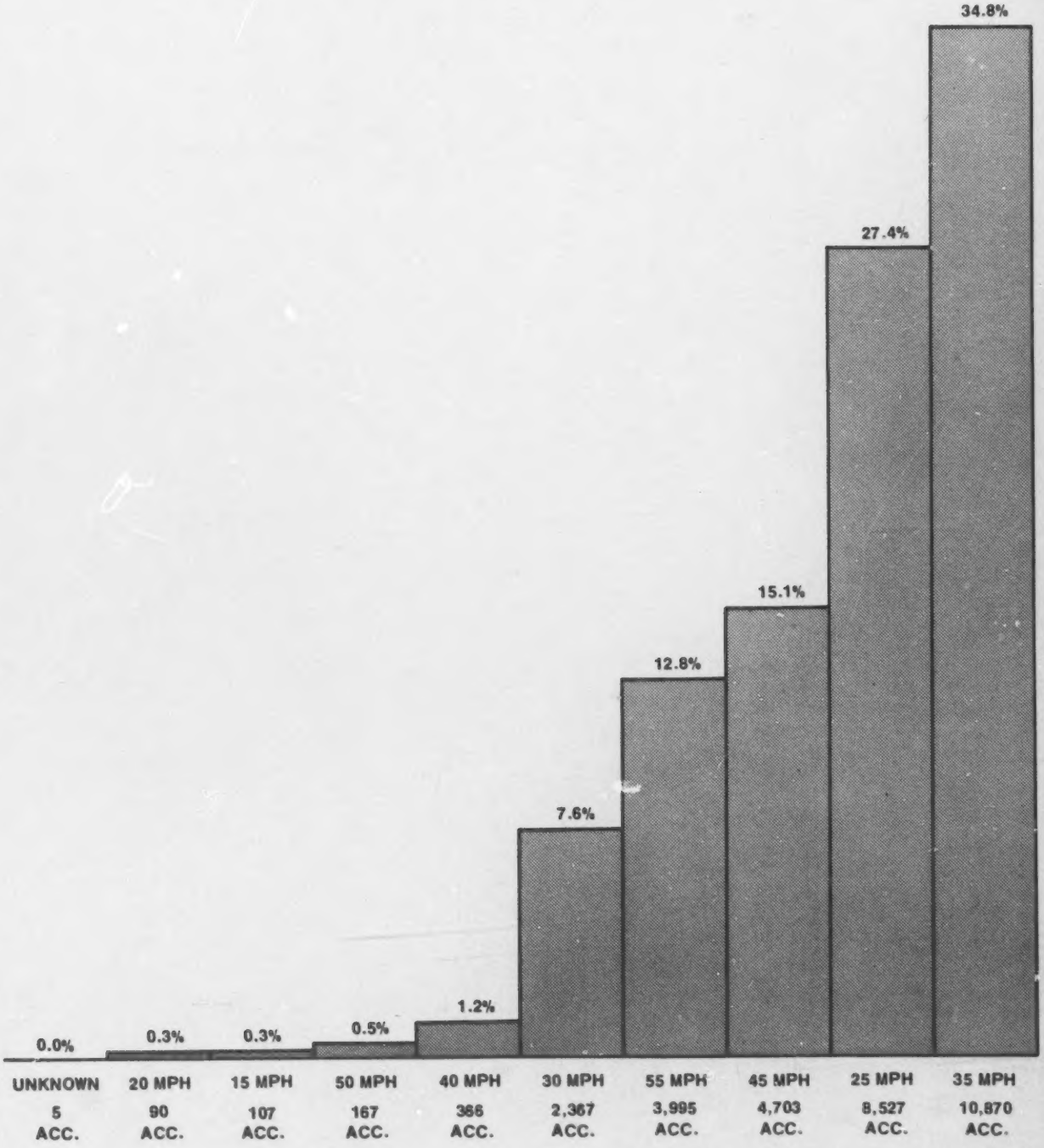


NOTE: SECOND VEHICLE NOT ALWAYS INVOLVED IN ALL ACCIDENTS.

1982 STATEWIDE TRAFFIC ACCIDENTS

POSTED SPEED LIMIT AT ACCIDENT LOCATIONS

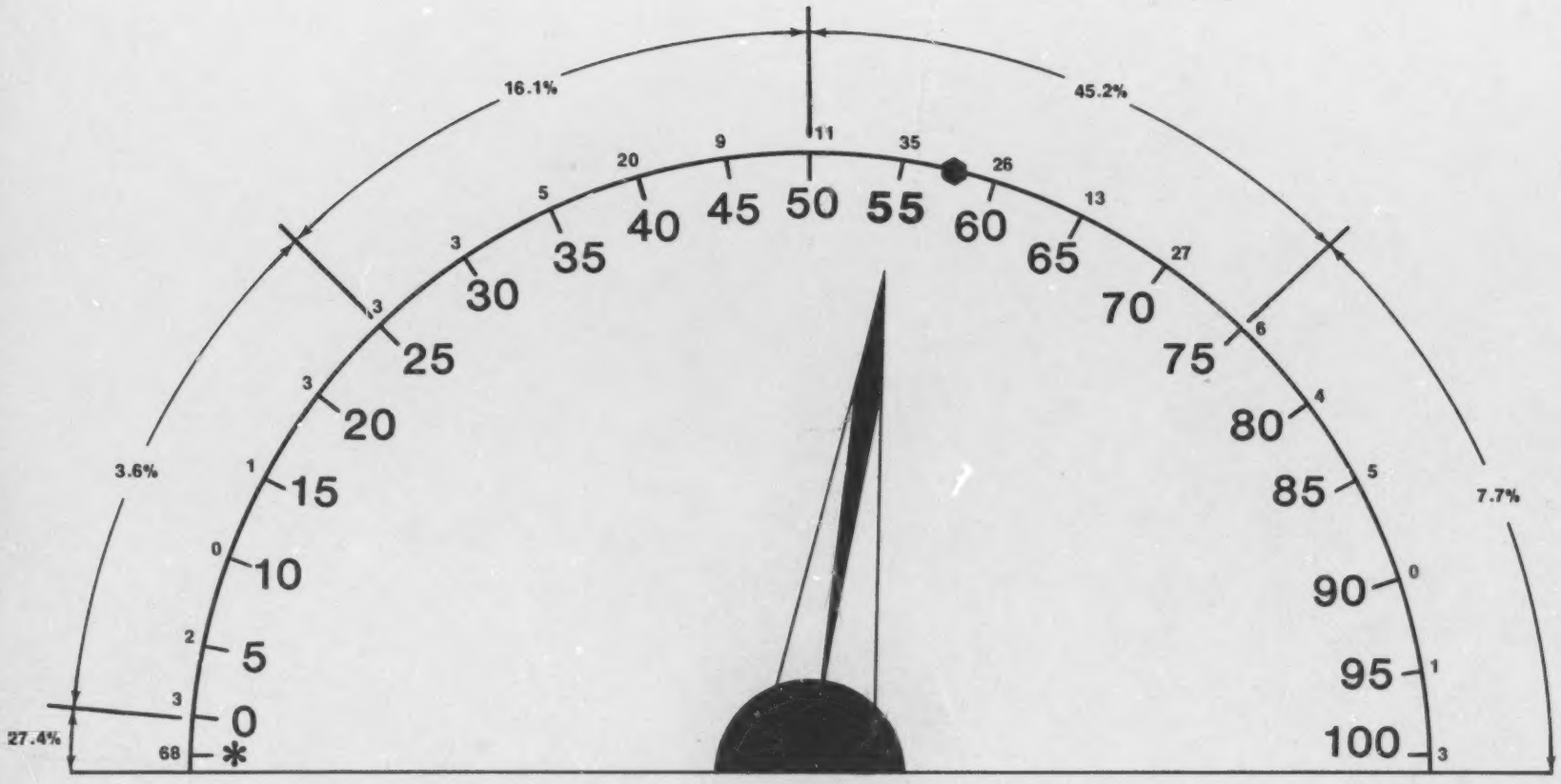
(31,197 Total Accidents)



1982 STATEWIDE TRAFFIC ACCIDENTS

SPEED OF THE ERRANT DRIVER IN FATAL TRAFFIC ACCIDENTS

39.1% OF FATAL ACCIDENTS OCCURRED AT A SPEED GREATER THAN 55 MPH.



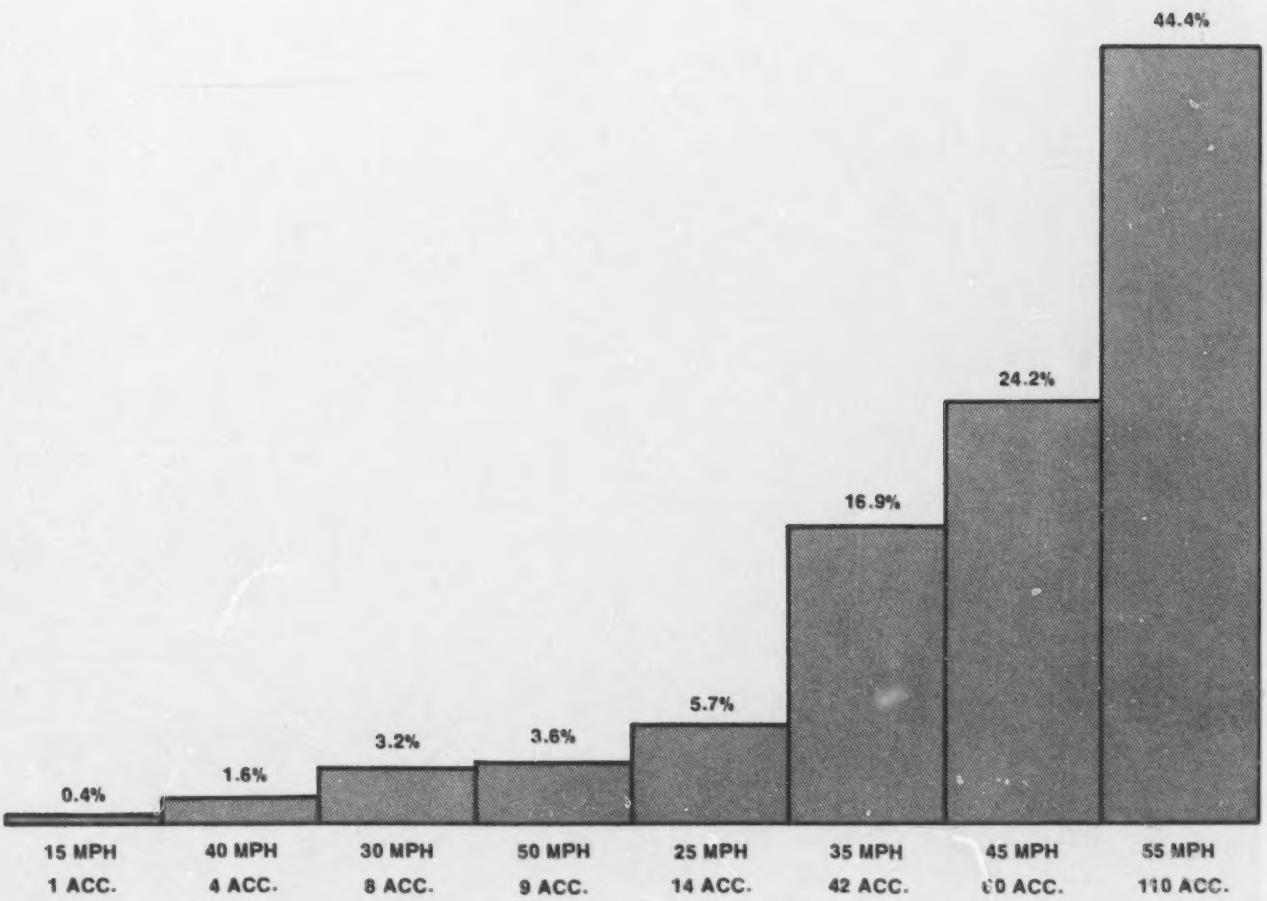
⬢ INDICATES AVERAGE SPEED OF TRAFFIC FOR ROADWAYS IN NEVADA WITH 55 MPH SPEED LIMITS (57.5 MPH)

* 27.4% OF THE FATAL ACCIDENTS HAD AN UNKNOWN SPEED

1982 STATEWIDE TRAFFIC ACCIDENTS

POSTED SPEED LIMITS AT ALL FATAL ACCIDENT LOCATIONS

(248 Fatal Accidents)



FATAL ACCIDENT LOCATIONS

North Las Vegas
Las Vegas
EAST LAS VEGAS
Henderson
NELLIS AIR FORCE BASE
NLV AIR TERMINAL
McCARRAN INTERNATIONAL AIRPORT
SKY HARBOR AIRPORT
(Under Constr.)
Craig Rd
Lone Mtn Rd
Elkhorn Rd
Centennial Pkwy
Ann Rd
Cheyenne
Carey
Lake Mead Blvd
Washington
Gragson
Atta
Charleston Blvd
Oakey
Sahara Ave
Edna Ave
Spring Mtn Rd
Desert Inn
Twain
Flamingo
Tropicana
Russell
Patrick
Sunset Rd
Warm Springs Rd
Diamond
Blue
Lake Mead Dr
Athens Ave
Horizon Dr
Foothills Dr
Country Club Dr
Las Vegas Blvd
Las Vegas Fwy
Boulder Hwy
Rancho Dr
Decatur Blvd
Eastern Ave
Maryland Pkwy
Nellis Blvd
Pecos Rd
Lamb Blvd
Valley View Blvd
Durango Dr
Buffalo Dr
Rainbow Blvd
Jones Blvd
Green Valley
Stephanie
Pabco Rd
Racetrack
Magic Way
Equestrian Dr
Pacific
College
Asaloosa
Rd
Hollywood Blvd
Simon
Bonanza Rd
Stewart Ave
Main St
Fremont
Las Vegas Blvd
Charleston
Vegas Valley Dr
Desert Inn Rd
Sahara Ave
Eastern Ave
Maryland Pkwy
Nellis Blvd
Pecos Rd
Lamb Blvd
Boulder Hwy
Las Vegas Fwy
Rancho Dr
Decatur

1982 STATEWIDE TRAFFIC ACCIDENTS

FATAL ACCIDENT LOCATIONS

Reno-Stead
Sun Valley
Sparks
Reno
RENO - STEAD AIRPORT
RENO - CANNON INTERNATIONAL AIRPORT
Virginia
North-South
Pyramid
Lake
Truckee River
McCarran Blvd
Mayberry Dr
Silver Lake Rd
Echo Ave
Military Rd
Lemmon Dr
Valley Rd
El Rancho Dr
Pyramid Way
Wedekind
Greenbrae Dr
Oddie Blvd
Glendale Ave
Gregg St
Vassar St
Mill St
Plumb Ln
Moana Ln
Peckham Ln
Kietzke
Terminal Way
Rock Blvd
Pembroke Dr
Mira Loma Dr
Huffaker Ln
Holcomb Ln
Mays Ln
Old Virginia Rd
Foothill Rd
Whites Creek Ln
Virginia City Hwy
Mt Rose Hwy
Geiger Grade
Mira Loma Dr
Baring Blvd
Sparks Blvd
Vista Blvd
Prater Way
Dermig Way
Kietzke Ln
Arlington Ave
Keystone Ave
Kings Row
Wyoming Ave
Evans Ave
Sierra St
Virginia St
Valley Rd
Estates Rd
Golden
Chocolate
Ludlow
Parr Blvd
Freeway
Echo Ave
Lear Blvd
Silver Lake Rd
Military Rd
Lemmon Dr
Patrician Dr
Red Rock Rd
Hunter Lake Dr
Castaic Dr
Damonte Ranch Pkwy
Verdi
Reno
Sparks
Virginia City
Geiger Grade
Mt Rose Hwy
Virginia City Hwy
Toll Rd
Chalmers Ln
Zolezzi Ln
Thomas Creek Rd
Foothill Rd
Old Virginia Rd
Whites Creek Ln
Huffaker Ln
Holcomb Ln
Mays Ln
Lancaster
Verdi
Mira Loma
Pembroke Dr
Mira Loma Dr
Peckham Ln
Moana Ln
Plumb Ln
Vassar St
Mill St
Glendale Ave
Gregg St
Truckee River
Wedekind
Greenbrae Dr
Oddie Blvd
Prater Way
Dermig Way
Baring Blvd
Sparks Blvd
Vista Blvd

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1982 Fatal Traffic Locations